

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Important Message!

This update contains New Test Offerings for Immunohistochemistry assays and represent our most commonly ordered IHC tests. These tests will be available effective July 10, 2012. All test information, including test build information is included. Other IHC stains may be available by request. Please contact Client Services at 1-800-421-4449 with any questions.

NEW TESTS			
Please Note: Not all test codes assigned to each assay are listed in the table of contents. Please refer to the complete listing on the page numbers indicated.			
Test Code	Test Name	Effective Date	Page #
39584	bcl-2, IHC with Interpretation	7/10/2012	2
19132	BerEP4, IHC with Interpretation	7/10/2012	3
19150	CD10, IHC with Interpretation	7/10/2012	4
19170	CD138, IHC with Interpretation	7/10/2012	5
19144	CD1a, IHC with Interpretation	7/10/2012	6
37566	CD20, IHC with Interpretation	7/10/2012	7
40037	CD21, IHC with Interpretation	7/10/2012	8
10024	CD3, IHC with Interpretation	7/10/2012	9
19154	CD31, IHC with Interpretation	7/10/2012	10
19156	CD34, IHC with Interpretation	7/10/2012	11
19146	CD4, IHC with Interpretation	7/10/2012	12
10868	CD43, IHC with Interpretation	7/10/2012	13
15798	CD45 (Leukocyte Common Antigen), IHC with Interpretation	7/10/2012	14
38995	CD5, IHC with Interpretation	7/10/2012	15
19164	CD68, IHC with Interpretation	7/10/2012	15
19149	CD8, IHC with Interpretation	7/10/2012	16
90153	CDX2, IHC with Interpretation	7/10/2012	17
15474	Cyclin-D1 (BCL-1), IHC with Interpretation	7/10/2012	18
19178	Cytokeratin 7, IHC with Interpretation	7/10/2012	19
19180	Cytokeratin 8 and 18 (CAM 5.2), IHC with Interpretation	7/10/2012	20
39502	Cytokeratin AE1/AE3, IHC with Interpretation	7/10/2012	21
19192	Desmin, IHC with Interpretation	7/10/2012	22
19196	Epithelial Membrane Antigen, IHC with Interpretation	7/10/2012	23
36160	Estrogen Receptor (ER), IHC with Interpretation (36160X)	7/10/2012	24
19199	Factor 13a, IHC with interpretation	7/10/2012	25
19213	HepPar 1, IHC with Interpretation	7/10/2012	26
15547	HER-2, IHC with Reflex to FISH	7/10/2012	27
30316	HER-2, IHC, with Interpretation	7/10/2012	28

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

19219	HMB45, IHC with Interpretation	7/10/2012	30
39615	Kappa Light Chain, IHC with Interpretation	7/10/2012	31
29914	Ki-67, IHC with Interpretation	7/10/2012	31
38996	Lambda Light Chain, IHC with Interpretation	7/10/2012	32
19238	MART-1 (Melan-A), IHC with Interpretation	7/10/2012	33
19254	p63 Oncoprotein, IHC with Interpretation	7/10/2012	34
40018	Pan-cytokeratin (AE1/AE3 and PCK26), IHC with Interpretation	7/10/2012	35
36159	Progesterone Receptor (PR), IHC with Interpretation	7/10/2012	37
38197	S-100, Monoclonal, IHC with Interpretation	7/10/2012	38
19271	Smooth Muscle Actin, IHC with interpretation	7/10/2012	39
19278	Thyroid Transcription Factor-1 (TTF-1), IHC with Interpretation	7/10/2012	40

New Test Offerings

The following tests will be available through Quest Diagnostics on the dates indicated below.

bcl-2, IHC with Interpretation	
Message	Also available test code 19130, bcl-2, IHC without Interpretation.
Clinical Significance	45% of all patients with non-Hodgkin's lymphoma have a follicular lymphoma. More than 85% of follicular lymphomas and approximately 20% of diffuse large cell lymphomas carry a t(14;18)(q32;Q21) gene translocation that causes deregulation of the expression of the bcl-2 gene. bcl-2 deregulation is associated with a poor prognosis. Detection of bcl-2 is useful in detecting and monitoring disease.
Effective Date	7/10/2012
Test Code	39584
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1-3 days
Always Message	Applicable to test code 19130, bcl-2, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.
Methodology	Immunohistochemistry

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																		
CPU Mappings	<p>bcl-2, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6255</td> <td>bcl-2, IHC</td> </tr> </tbody> </table> <p>bcl-2, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4404</td> <td>bcl-2,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	10012	QUEST INTERNAL NUMBER:	6255	bcl-2, IHC	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4404	bcl-2,IHC w/o interp	27136	Slides/Block mailed on:
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27077	PARAFFIN BLOCK NUMBER: AOE																		
22320	PRIMARY TUMOR SITE: AOE																		
10012	QUEST INTERNAL NUMBER:																		
4404	bcl-2,IHC w/o interp																		
27136	Slides/Block mailed on:																		

BerEP4, IHC with Interpretation	
Message	Also available test code 19289, BerEP4, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19132
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tue-Fri; Report available: 1 day
Always Message	Applicable to test code 19289,BerEP4, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.
Methodology	Immunohistochemistry
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

CPU Mappings	BerEP4, IHC with Interpretation:	
	Analyte Code	Result Name
	22186	PARAFFIN BLOCK NUMBER: AOE
	22496	PRIMARY TUMOR SITE: AOE
	27109	QUEST INTERNAL NUMBER:
	19132	BerEP4,IHC w/ interp
	BerEP4, IHC without Interpretation:	
	Analyte Code	Result Name
	27077	PARAFFIN BLOCK NUMBER: AOE
	22320	PRIMARY TUMOR SITE: AOE
10012	QUEST INTERNAL NUMBER:	
4596	BerEP4,IHC w/o interp	
29230	Slides/Block mailed on:	

CD10, IHC with Interpretation	
Message	Also available test code 19301, CD10, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19150
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tue-Fri; Report available:1 day
Always Message	Applicable to test code 19301,CD10, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.
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6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

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CPU Mappings	<p>CD10, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4359</td> <td>CD10,IHC w/ interp</td> </tr> </tbody> </table> <p>CD10, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4474</td> <td>CD10,IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4359	CD10,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4474	CD10,IHC w/o interp	29230	Slides/Block mailed on:
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10012	QUEST INTERNAL NUMBER:																						
4474	CD10,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD138, IHC with Interpretation	
Message	Also available test code 19313, CD138, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19170
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tue-Fri; Report available:1 day
Always Message	Applicable to test code 19313,CD138, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

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10012	QUEST INTERNAL NUMBER:																						
4479	CD138,IHC w/o interp																						
29231	Slides/Block mailed on:																						

CD1a, IHC with Interpretation	
Message	Also available test code 19449, CD1a, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19144
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tue-Fri; Report available: 1 day
Always Message	Applicable to test code 19449, CD1a, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

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Methodology	Immunohistochemistry																						
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29234	CD1a,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD20, IHC with Interpretation	
Message	Also available test code 19152, CD20, IHC without Interpretation.
Effective Date	7/10/2012
Test Code	37566
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Sat; Report available:1-3 days
Always Message	Applicable to test code 19152, CD20, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Methodology	Immunohistochemistry																						
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CPU Mappings	<p>CD20, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6690</td> <td>CD20</td> </tr> </tbody> </table> <p>CD20, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4409</td> <td>CD20,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6690	CD20	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4409	CD20,IHC w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																						
9658	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
6690	CD20																						
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27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4409	CD20,IHC w/o interp																						
27136	Slides/Block mailed on:																						

CD21, IHC with Interpretation	
Message	Also available test code 40016, CD21, IHC without Interpretation.
Clinical Significance	CD21 antigen is a type I integral membrane glycoprotein of molecular weight 140 kD, which functions as the receptor for the C3d fragment of the third complement component. The CD21 molecule, present on mature B cells, is involved in transmitting growth-promoting signals to the interior of the B cell and acts as a receptor for Epstein-Barr virus. CD21 antigen is reported to be found in B cell chronic lymphocytic leukemias and in a subset of T cell acute lymphocytic leukemias, but is absent on T lymphocytes, monocytes and granulocytes. CD21 antigen is also reported to be expressed in follicular dendritic cells and in follicular and centrocytic lymphomas, mature leukemias and lymphomas and at high density in follicular dendritic cells.
Effective Date	7/10/2012
Test Code	40037
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue
Reject Criteria	Tissue in formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

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Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1-3 days																						
Always Message	Applicable to test code 40016, CD21, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
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CPU Mappings	<p>CD21, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4741</td> <td>CD21, IHC w/ interp</td> </tr> </tbody> </table> <p>CD21, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4731</td> <td>CD21, IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4741	CD21, IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4731	CD21, IHC w/o interp	29230	Slides/Block mailed on:
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27109	QUEST INTERNAL NUMBER:																						
4741	CD21, IHC w/ interp																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4731	CD21, IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD3, IHC with Interpretation	
Message	Also available test code 19145, CD3, IHC without Interpretation.
Effective Date	7/10/2012
Test Code	10024
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature . Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Sat; Report available:1-3 days

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Always Message	Applicable to test code 19145, CD3, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																		
Methodology	Immunohistochemistry																		
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																		
CPU Mappings	<p>CD3, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6133</td> <td>CD3, IHC</td> </tr> </tbody> </table> <p>CD3, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4416</td> <td>CD3,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	10012	QUEST INTERNAL NUMBER:	6133	CD3, IHC	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4416	CD3,IHC w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																		
10012	QUEST INTERNAL NUMBER:																		
6133	CD3, IHC																		
Analyte Code	Result Name																		
27077	PARAFFIN BLOCK NUMBER: AOE																		
22320	PRIMARY TUMOR SITE: AOE																		
10012	QUEST INTERNAL NUMBER:																		
4416	CD3,IHC w/o interp																		
27136	Slides/Block mailed on:																		

CD31, IHC with Interpretation	
Message	Also available test code 19302, CD31, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19154
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Sets up Tues-Fri; Reports in 1 day
Always Message	Applicable to test code 19302, CD31, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD31, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4500</td> <td>CD31,IHC w/ interp</td> </tr> </tbody> </table> <p>CD31, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4529</td> <td>CD31,IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4500	CD31,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4529	CD31,IHC w/o interp	29230	Slides/Block mailed on:
Analyte Code	Result Name																						
22186	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
27109	QUEST INTERNAL NUMBER:																						
4500	CD31,IHC w/ interp																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4529	CD31,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD34, IHC with Interpretation	
Message	Also available test code 19303, CD34, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19156
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature . Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tue-Fri; Report available:1 day

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Always Message	Applicable to test code 19303,CD34, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD34, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4389</td> <td>CD34,IHC w/ interp</td> </tr> </tbody> </table> <p>CD34, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4486</td> <td>CD34,IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4389	CD34,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4486	CD34,IHC w/o interp	29230	Slides/Block mailed on:
Analyte Code	Result Name																						
22186	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
27109	QUEST INTERNAL NUMBER:																						
4389	CD34,IHC w/ interp																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4486	CD34,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD4, IHC with Interpretation	
Message	Also available test code 19298, CD4, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19146
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Set-up/Analytic Time	Set up: Tue-Fri; Report available:1 day																						
Always Message	Applicable to st code 19298, CD4, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD4, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER:AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4393</td> <td>CD4,IHC w/ interp</td> </tr> </tbody> </table> <p>CD4, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4489</td> <td>CD4,IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER:AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4393	CD4,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4489	CD4,IHC w/o interp	29230	Slides/Block mailed on:
Analyte Code	Result Name																						
22186	PARAFFIN BLOCK NUMBER:AOE																						
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27109	QUEST INTERNAL NUMBER:																						
4393	CD4,IHC w/ interp																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4489	CD4,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD43, IHC with Interpretation	
Message	Also available test code 19159, CD43, IHC without Interpretation.
Clinical Significance	Useful in the diagnosis of lymphomas, particularly (with antibody testing) small lymphocytic lymphomas, mantle cell lymphoma, and marginal zone lymphoma.
Effective Date	7/10/2012
Test Code	10868
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	Frozen: Unacceptable																						
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1-3 days																						
Always Message	Applicable to test code 19159, CD43, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD43, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6687</td> <td>CD43</td> </tr> </tbody> </table> <p>CD43, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4419</td> <td>CD43,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6687	CD43	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4419	CD43,IHC w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																						
9658	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
6687	CD43																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4419	CD43,IHC w/o interp																						
27136	Slides/Block mailed on:																						

CD45 (Leukocyte Common Antigen), IHC with Interpretation	
Message	Also available test code 19160, CD45 (Leukocyte Common Antigen) IHC without Interpretation.
Effective Date	7/10/2012
Test Code	15798
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1-3 days																						
Always Message	Applicable to test code 19160, CD45 (Leukocyte Common Antigen) IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD45 (Leukocyte Common Antigen), IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6289</td> <td>CD45 (Leukocyte Common Ag)</td> </tr> </tbody> </table> <p>CD45 (Leukocyte Common Antigen) IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4421</td> <td>CD45,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6289	CD45 (Leukocyte Common Ag)	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4421	CD45,IHC w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																						
9658	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
6289	CD45 (Leukocyte Common Ag)																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4421	CD45,IHC w/o interp																						
27136	Slides/Block mailed on:																						

CD5, IHC with Interpretation	
Message	Also available test code 19147, CD5, IHC without Interpretation.
Effective Date	7/10/2012
Test Code	38995
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1-3 days

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Always Message	Applicable to test code 19147, CD5, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD5, IHC with Interpretation;</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6689</td> <td>CD5</td> </tr> </tbody> </table> <p>CD5, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4424</td> <td>CD5,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6689	CD5	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4424	CD5,IHC w/o interp	27136	Slides/Block mailed on:
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10012	QUEST INTERNAL NUMBER:																						
4424	CD5,IHC w/o interp																						
27136	Slides/Block mailed on:																						

CD68, IHC with Interpretation	
Message	Also available test code 19309, CD68, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19164
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

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Set-up/Analytic Time	Set up: Tue-Fri; Report available: 1 day																						
Always Message	Applicable to test code 19309, CD68, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>CD68, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4348</td> <td>CD68,IHC w/ interp</td> </tr> </tbody> </table> <p>CD68, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4461</td> <td>CD68,IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4348	CD68,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4461	CD68,IHC w/o interp	29230	Slides/Block mailed on:
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Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4461	CD68,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CD8, IHC with Interpretation	
Message	Also available test code 19300, CD8, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19149
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	Frozen: Unacceptable																						
Set-up/Analytic Time	Set up: Tue-Fri; Report available: 1 day																						
Always Message	Applicable to test code 19300, CD8, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
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Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4476	CD8,IHC w/o interp																						
29230	Slides/Block mailed on:																						

CDX2, IHC with Interpretation	
Message	Also available test code 90203, CDX2, IHC without Interpretation.
Clinical Significance	CDX-2, a nuclear transcription factor that is expressed in colonic epithelium, is useful in distinguishing metastatic carcinoma of colorectal origin from other tumors. However, its expression may be lost in advanced colorectal tumors and is also expressed by some mucinous tumors of other sites.
Effective Date	7/10/2012
Test Code	90153
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternate: (5) Unstained charged (+) slides
Instructions	Please include surgical pathology report.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 2-3 days

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Always Message	Applicable to test code 90203, CDX2, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																				
Methodology	Immunohistochemistry																				
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																				
CPU Mappings	<p>CDX2, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86007405</td> <td>Paraffin Block Number: AOE</td> </tr> <tr> <td>86007575</td> <td>Primary Tumor Site: AOE</td> </tr> <tr> <td>86003734</td> <td>Quest Internal Number:</td> </tr> <tr> <td>86007592</td> <td>CDX-2, IHC w/ interp</td> </tr> </tbody> </table> <p>CDX2, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86007405</td> <td>Paraffin Block Number: AOE</td> </tr> <tr> <td>86007575</td> <td>Primary Tumor Site: AOE</td> </tr> <tr> <td>86003734</td> <td>Quest Internal Number:</td> </tr> <tr> <td>86007591</td> <td>CDX2, IHC w/o interp</td> </tr> </tbody> </table>	Result Code	Result Name	86007405	Paraffin Block Number: AOE	86007575	Primary Tumor Site: AOE	86003734	Quest Internal Number:	86007592	CDX-2, IHC w/ interp	Result Code	Result Name	86007405	Paraffin Block Number: AOE	86007575	Primary Tumor Site: AOE	86003734	Quest Internal Number:	86007591	CDX2, IHC w/o interp
Result Code	Result Name																				
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86003734	Quest Internal Number:																				
86007592	CDX-2, IHC w/ interp																				
Result Code	Result Name																				
86007405	Paraffin Block Number: AOE																				
86007575	Primary Tumor Site: AOE																				
86003734	Quest Internal Number:																				
86007591	CDX2, IHC w/o interp																				

Cyclin-D1 (BCL-1), IHC with Interpretation	
Message	Also available test code 19176, Cyclin-D1 (BCL-1), IHC without Interpretation.
Clinical Significance	Approximately 65% of mantle cell lymphomas (MCL) are characterized by a t(11;14)(q13;q32) gene translocation that causes deregulation of the expression of the bcl-1 gene. This abnormality in turn leads to deregulation of cyclin D1. Detection of Cyclin D1 is useful in detecting disease.
Effective Date	7/10/2012
Test Code	15474
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1-3 days																		
Always Message	Applicable to test code 19176, Cyclin-D1 (BCL-1), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																		
Methodology	Immunohistochemistry																		
Performing Site	Quest Diagnostics Nichols Institut, San Juan Capistrano																		
CPU Mappings	<p>Cyclin-D1 (BCL-1), IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6235</td> <td>Cyclin-D-1(bcl-1),IHC:</td> </tr> </tbody> </table> <p>Cyclin-D1 (BCL-1), IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4427</td> <td>Cyclin D1,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	10012	QUEST INTERNAL NUMBER:	6235	Cyclin-D-1(bcl-1),IHC:	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4427	Cyclin D1,IHC w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																		
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22320	PRIMARY TUMOR SITE: AOE																		
10012	QUEST INTERNAL NUMBER:																		
4427	Cyclin D1,IHC w/o interp																		
27136	Slides/Block mailed on:																		

Cytokeratin 7, IHC with Interpretation	
Message	Also available test code 19320, Cytokeratin 7, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19178
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tues-Fri; Report available: 1 day

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Always Message	Applicable to test code 19320, Cytokeratin 7, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>Cytokeratin 7, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4508</td> <td>Cytoker 7,IHC w/interp</td> </tr> </tbody> </table> <p>Cytokeratin 7, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4536</td> <td>Cytoker 7,IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Result Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4508	Cytoker 7,IHC w/interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4536	Cytoker 7,IHC w/o interp	27136	Slides/Block mailed on:
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10012	QUEST INTERNAL NUMBER:																						
4536	Cytoker 7,IHC w/o interp																						
27136	Slides/Block mailed on:																						

Cytokeratin 8 and 18 (CAM 5.2), IHC with Interpretation	
Message	Also available test code 19322, Cytokeratin 8 and 18 (CAM 5.2), IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19180
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Set-up/Analytic Time	Set up: Tues-Fri; Report available: 1 day																						
Always Message	Applicable to test code 19322, Cytokeratin 8 and 18 (CAM 5.2), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
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22320	Primary Tumor Site: AOE																						
10012	Quest Internal Number:																						
4538	Cytoker 8/18,w/o interp																						
29230	Slides/Block mailed on:																						

Cytokeratin AE1/AE3, IHC with Interpretation	
Message	Also available test code 19186, Cytokeratin AE1/AE3, IHC without Interpretation.
Effective Date	7/10/2012
Test Code	39502
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1 to 3 days

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Always Message	Applicable to test code 19186, Cytokeratin AE1/AE3, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>Cytokeratin AE1/AE3, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22307</td> <td>PRIMARY TISSUE SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6385</td> <td>Cytokeratin (AE1/AE3)</td> </tr> </tbody> </table> <p>Cytokeratin AE1/AE3, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code:</th> <th>Result Name:</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4429</td> <td>CytokerAE1/AE3,w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22307	PRIMARY TISSUE SITE: AOE	10012	QUEST INTERNAL NUMBER:	6385	Cytokeratin (AE1/AE3)	Analyte Code:	Result Name:	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4429	CytokerAE1/AE3,w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																						
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22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4429	CytokerAE1/AE3,w/o interp																						
27136	Slides/Block mailed on:																						

Desmin, IHC with Interpretation	
Message	Also available test code 19333, Desmin, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19192
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Set-up/Analytic Time	Set up:Tues-Fri ; Report available: 1 day																						
Always Message	Applicable to test code 19333, Desmin, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>Desmin, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>19192</td> <td>Desmin,IHC w/ interp</td> </tr> </tbody> </table> <p>Desmin, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4616</td> <td>Desmin,IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	19192	Desmin,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4616	Desmin,IHC w/o interp	29230	Slides/Block mailed on:
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22186	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
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22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4616	Desmin,IHC w/o interp																						
29230	Slides/Block mailed on:																						

Epithelial Membrane Antigen, IHC with Interpretation	
Message	Also available test code 19336, Epithelial Membrane Antigen, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19196
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	Frozen: Unacceptable																						
Set-up/Analytic Time	Set up: Tues-Fri ; Report available: 1 day																						
Always Message	Applicable to test code 19336, Epithelial Membrane Antigen, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
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22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4491	EpithelMembAg,IHC w/o int																						
29230	Slides/Block mailed on:																						

Estrogen Receptor (ER), IHC with Interpretation (36160X)	
Message	Also available test code 19197, Estrogen Receptor (ER), IHC without Interpretation.
Clinical Significance	The estrogen receptor assay is routinely performed on breast carcinomas to assess responsiveness to endocrine therapy and prognosis.
Effective Date	7/10/2012
Test Code	36160
CPT Codes	88360
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	Refrigerated: Indefinite Frozen: Unacceptable																														
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1 to 3 days																														
Always Message	Applicable to test code 19197, Estrogen Receptor (ER), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																														
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10012	QUEST INTERNAL NUMBER:																														
4749	ER,IHC w/o Interpretation																														
29230	Slides/Block mailed on:																														

Factor 13a, IHC with interpretation	
Message	Also available test code 19338, Factor 13a, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19199
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.																						
Transport Temperature	Room temperature																						
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable																						
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 2 to 4 days																						
Always Message	Applicable to test code 19338, Factor 13a, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>Factor 13a, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4841</td> <td>FACTOR 13a, IHC w/interp</td> </tr> </tbody> </table> <p>_____</p> <p>Factor 13a, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4816</td> <td>FACTOR 13a, IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table> <p>_____</p>	Result Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4841	FACTOR 13a, IHC w/interp	Result Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4816	FACTOR 13a, IHC w/o interp	29230	Slides/Block mailed on:
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10012	QUEST INTERNAL NUMBER:																						
4816	FACTOR 13a, IHC w/o interp																						
29230	Slides/Block mailed on:																						

HepPar 1, IHC with Interpretation	
Message	Also available test code 19352, HepPar 1, IHC without Interpretation.
Clinical Significance	This marker can be used to aid in the diagnosis and/or prognosis of cancer. The clinical interpretation of any staining or its absence should be complemented by morphological studies using proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.
Effective Date	7/10/2012
Test Code	19213
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates:

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	(5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin																						
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.																						
Transport Temperature	Room temperature																						
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable																						
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 2 to 4 days																						
Always Message	Applicable to test code 19352, HepPar 1, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>HepPar 1, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4842</td> <td>HEPPAR,IHC w/interp</td> </tr> </tbody> </table> <p>HepPar 1, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4817</td> <td>HepPar, IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4842	HEPPAR,IHC w/interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4817	HepPar, IHC w/o interp	29230	Slides/Block mailed on:
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27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4817	HepPar, IHC w/o interp																						
29230	Slides/Block mailed on:																						

HER-2, IHC with Reflex to FISH	
Message	Suggested replacement for discontinued test code 5846 HER-2/neu [IHC] w/reflex FISH, Breast Cancer
Clinical Significance	Her-2/neu expression is commonly performed on breast carcinomas. Women who have tumors that overexpress Her-2/neu are most likely to be responsive to monoclonal antibody therapy directed against this target.
Effective Date	7/10/2012
Test Code	15547
CPT Codes	88360

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Specimen Requirements	Formalin fixed paraffin embedded tissue																				
Reject Criteria	Non-invasive tumors.																				
Instructions	<p>Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only.</p> <p>Invasive or metastatic breast cancer formalin fixed paraffin embedded tissue or charged/+slides from formalin fixed paraffin embedded tissue.</p> <p>Specimen must be fixed in 10% neutral buffered formalin.</p> <p>Fixation between 6 and 48 hours is recommended.</p> <p>Pathology report must accompany paraffin block or slides.</p> <p>Information required in this report include: Physician identification, specimen identifiers (case and block number), specimen site and type, tissue processing used (routine or microwave), type of fixative, time and duration of fixation, pathologic diagnosis, and IHC score, if performed elsewhere. Ship at room temperature. Do not freeze.</p>																				
Transport Temperature	Room temperature																				
Specimen Stability	<p>Room temperature: Indefinite</p> <p>Refrigerated: Indefinite</p> <p>Frozen: Unacceptable</p>																				
Set-up/Analytic Time	Set up: Sun-Sat; Report available: 9-10 days																				
Methodology	<p>Immunocytochemical Assay</p> <p>If reflexed: Fluorescence <i>in situ</i> Hybridization (FISH)</p>																				
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																				
CPU Mappings	<table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85980071</td> <td>Sample fixed in Formalin? AOE</td> </tr> <tr> <td>85980072</td> <td>Fixed between 6-48 hours? AOE</td> </tr> <tr> <td>86007405</td> <td>Paraffin Block Number: AOE</td> </tr> <tr> <td>86007575</td> <td>Primary Tumor Site: AOE</td> </tr> <tr> <td>86003734</td> <td>Quest Internal Number:</td> </tr> <tr> <td>85985374</td> <td>Staining Intensity</td> </tr> <tr> <td>85993848</td> <td>HER2 Overexpression</td> </tr> <tr> <td>9452-2</td> <td>Reflex HER-2, FISH, Paraffin Block</td> </tr> <tr> <td>85985349</td> <td>HER-2/neu, FISH</td> </tr> </tbody> </table>	Analyte Code	Result Name	85980071	Sample fixed in Formalin? AOE	85980072	Fixed between 6-48 hours? AOE	86007405	Paraffin Block Number: AOE	86007575	Primary Tumor Site: AOE	86003734	Quest Internal Number:	85985374	Staining Intensity	85993848	HER2 Overexpression	9452-2	Reflex HER-2, FISH, Paraffin Block	85985349	HER-2/neu, FISH
Analyte Code	Result Name																				
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86007575	Primary Tumor Site: AOE																				
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9452-2	Reflex HER-2, FISH, Paraffin Block																				
85985349	HER-2/neu, FISH																				
Additional Information	<p>Limitations: Lack of HER-2 protein overexpression or gene amplification suggests the patient will not respond to trastuzumab therapy; however, clinical trials are needed to confirm this presumption. Similarly, trastuzumab response, or lack thereof, in patients with confirmed equivocal HER-2 test results is uncertain. Trastuzumab is clinically indicated only for patients in whom HER-2 protein overexpression or gene amplification can be confirmed.</p> <p>Specimens that require reflex will be performed automatically for an additional fee (CPT Code 88368x2).</p>																				

HER-2, IHC, with Interpretation	
Message	Also available test code 19214, HER-2, IHC, without Interpretation.

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Effective Date	7/10/2012																								
Test Code	30316																								
CPT Codes	88360																								
Specimen Requirements	Formalin-fixed paraffin embedded tissue Alternates: (10) 4-micron unstained sections in formalin-fixed, paraffin embedded tissue block																								
Reject Criteria	Non-invasive tumors																								
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Please submit stained H & E slide and a copy of the pathology report. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Invasive or metastatic breast cancer formalin fixed paraffin embedded tissue or charged/+slides from formalin fixed paraffin embedded tissue. Specimen MUST be fixed in 10% neutral buffered formalin. Fixation between 6 and 48 hours is recommended. Pathology report must accompany paraffin block or slides. Information required in this report include: Physician identification, specimen identifiers (case and block number), specimen site and type, tissue processing used (routine or microwave), type of fixative, time and duration of fixation, pathologic diagnosis, and IHC score, if performed elsewhere. Ship at room temperature. Do not freeze.																								
Transport Temperature	Room temperature																								
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable																								
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1 day																								
Always Message	Applicable to test code 19214, HER-2, IHC, without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																								
Methodology	Immunohistochemistry																								
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																								
CPU Mappings	<p>HER-2, IHC, with Interpretation:</p> <table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>85980071</td> <td>Sample fixed in Formalin? AOE</td> </tr> <tr> <td>85980072</td> <td>Fixed between 6-48 hours? AOE</td> </tr> <tr> <td>85985371</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>85992359</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>85985373</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>85985374</td> <td>Staining Intensity</td> </tr> <tr> <td>85993848</td> <td>HER2 Overexpression</td> </tr> </tbody> </table> <p>HER-2, IHC, without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>29431</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>29432</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>29433</td> <td>QUEST INTERNAL NUMBER:</td> </tr> </tbody> </table>	Result Code	Result Name	85980071	Sample fixed in Formalin? AOE	85980072	Fixed between 6-48 hours? AOE	85985371	PARAFFIN BLOCK NUMBER: AOE	85992359	PRIMARY TUMOR SITE: AOE	85985373	QUEST INTERNAL NUMBER:	85985374	Staining Intensity	85993848	HER2 Overexpression	Analyte Code	Result Name	29431	PARAFFIN BLOCK NUMBER: AOE	29432	PRIMARY TUMOR SITE: AOE	29433	QUEST INTERNAL NUMBER:
Result Code	Result Name																								
85980071	Sample fixed in Formalin? AOE																								
85980072	Fixed between 6-48 hours? AOE																								
85985371	PARAFFIN BLOCK NUMBER: AOE																								
85992359	PRIMARY TUMOR SITE: AOE																								
85985373	QUEST INTERNAL NUMBER:																								
85985374	Staining Intensity																								
85993848	HER2 Overexpression																								
Analyte Code	Result Name																								
29431	PARAFFIN BLOCK NUMBER: AOE																								
29432	PRIMARY TUMOR SITE: AOE																								
29433	QUEST INTERNAL NUMBER:																								

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	4639	HER-2
	29434	Slides/Block mailed on:

HMB45, IHC with Interpretation																	
Message	Also available test code 19355, HMB45, IHC without Interpretation.																
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.																
Effective Date	7/10/2012																
Test Code	19219																
CPT Codes	88342																
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin																
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature . Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.																
Transport Temperature	Room temperature																
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable																
Set-up/Analytic Time	Set up: Tues-Fri; Report available:1 day																
Always Message	Applicable to test code 19355, HMB45, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																
Methodology	Immunohistochemistry																
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																
CPU Mappings	<p>HMB45, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4519</td> <td>HMB45,IHC w/ interp</td> </tr> </tbody> </table> <p>HMB45, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4519	HMB45,IHC w/ interp	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE
Analyte Code	Result Name																
22186	PARAFFIN BLOCK NUMBER: AOE																
22496	PRIMARY TUMOR SITE: AOE																
27109	QUEST INTERNAL NUMBER:																
4519	HMB45,IHC w/ interp																
Analyte Code	Result Name																
27077	PARAFFIN BLOCK NUMBER: AOE																
22320	PRIMARY TUMOR SITE: AOE																

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	10012	QUEST INTERNAL NUMBER:
	4544	HMB45,IHC w/o interp
	29231	Slides/Block mailed on:

Kappa Light Chain, IHC with Interpretation

Message	Also available test code 19230, Kappa Light Chain, IHC without Interpretation.																
Clinical Significance	The presence of immunoglobulin light chains (kappa and lambda) on the cell surface is characteristic of clonal proliferation most often seen in multiple myeloma and lymphoproliferative diseases.																
Effective Date	7/10/2012																
Test Code	39615																
CPT Codes	88342																
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin																
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.																
Transport Temperature	Room temperature																
Specimen Stability	Room temperature: Indefinite Refrigerated: Unacceptable Frozen: Unacceptable																
Set-up/Analytic Time	Set up: Sun-Fri; Report available: 1 day																
Always Message	Applicable to test code 19230, Kappa Light Chain, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																
Methodology	Immunohistochemistry																
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																
CPU Mappings	<p>Kappa Light Chain, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22939</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6693</td> <td>Kappa Light Chain</td> </tr> </tbody> </table> <p>Kappa Light Chain, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> </tbody> </table>	Analyte Code	Result Name	22939	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6693	Kappa Light Chain	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE
Analyte Code	Result Name																
22939	PARAFFIN BLOCK NUMBER: AOE																
22496	PRIMARY TUMOR SITE: AOE																
10012	QUEST INTERNAL NUMBER:																
6693	Kappa Light Chain																
Analyte Code	Result Name																
27077	PARAFFIN BLOCK NUMBER: AOE																
22320	PRIMARY TUMOR SITE: AOE																

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	10012	QUEST INTERNAL NUMBER:
	4441	Kappa,IHC w/o interp
	27136	Slides/Block mailed on:

Ki-67, IHC with Interpretation																	
Message	Also available test code 19100, Ki-67, IHC without Interpretation.																
Clinical Significance	Ki-67 is a tissue marker of anaplastic large cell non-Hodgkin's lymphoma.																
Effective Date	7/10/2012																
Test Code	29914																
CPT Codes	88360																
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin																
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.																
Transport Temperature	Room temperature																
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable																
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 2 to 3 days																
Always Message	Applicable to test code 19100, Ki-67, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																
Methodology	Immunohistochemistry																
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																
CPU Mappings	<p>Ki-67, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6092</td> <td>Ki-67,IHC w/ interp</td> </tr> <tr> <td>31939</td> <td>Ki-67 Staining Intensity</td> </tr> </tbody> </table> <p>Ki-67, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6092	Ki-67,IHC w/ interp	31939	Ki-67 Staining Intensity	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE
Analyte Code	Result Name																
9658	PARAFFIN BLOCK NUMBER: AOE																
22496	PRIMARY TUMOR SITE: AOE																
10012	QUEST INTERNAL NUMBER:																
6092	Ki-67,IHC w/ interp																
31939	Ki-67 Staining Intensity																
Analyte Code	Result Name																
27077	PARAFFIN BLOCK NUMBER: AOE																

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	22320	PRIMARY TUMOR SITE: AOE
	10012	QUEST INTERNAL NUMBER:
	4447	Ki-67, IHC w/o interp
	27136	Slides/Block mailed on:

Lambda Light Chain, IHC with Interpretation															
Message	Also available test code 19231, Lambda Light Chain, IHC without Interpretation.														
Clinical Significance	The presence of immunoglobulin light chains (kappa and lambda) on the cell surface is characteristic of clonal proliferation most often seen in multiple myeloma and lymphoproliferative diseases.														
Effective Date	7/10/2012														
Test Code	38996														
CPT Codes	88342														
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin														
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.														
Transport Temperature	Room temperature														
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable														
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1 to 3 days														
Always Message	Applicable to test code 19231, Lambda Light Chain, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.														
Methodology	Immunohistochemistry														
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano														
CPU Mappings	<p>Lambda Light Chain, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22939</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6692</td> <td>Lambda Light Chain</td> </tr> </tbody> </table> <p>Lambda Light Chain, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Analyte Code	Result Name	22939	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6692	Lambda Light Chain	Analyte Code	Result Name		
Analyte Code	Result Name														
22939	PARAFFIN BLOCK NUMBER: AOE														
22496	PRIMARY TUMOR SITE: AOE														
10012	QUEST INTERNAL NUMBER:														
6692	Lambda Light Chain														
Analyte Code	Result Name														

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	27077	PARAFFIN BLOCK NUMBER: AOE
	22320	PRIMARY TUMOR SITE: AOE
	10012	QUEST INTERNAL NUMBER:
	4442	Lambda,IHC w/o interp
	27136	Slides/Block mailed on:

MART-1 (Melan-A), IHC with Interpretation											
Message	Also available test code 19370, MART-1 (Melan-A), IHC without Interpretation.										
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.										
Effective Date	7/10/2012										
Test Code	19238										
CPT Codes	88342										
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin										
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.										
Transport Temperature	Room temperature										
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable										
Set-up/Analytic Time	Set up: Tues-Fri; Report available: 1 day										
Always Message	Applicable to test code 19370, MART-1 (Melan-A), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.										
Methodology	Immunohistochemistry										
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano										
CPU Mappings	<p>MART-1 (Melan-A), IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>19238</td> <td>MART-1,IHC w/ interp</td> </tr> </tbody> </table> <p>MART-1 (Melan-A), IHC without Interpretation:</p>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	19238	MART-1,IHC w/ interp
Analyte Code	Result Name										
22186	PARAFFIN BLOCK NUMBER: AOE										
22496	PRIMARY TUMOR SITE: AOE										
27109	QUEST INTERNAL NUMBER:										
19238	MART-1,IHC w/ interp										

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Analyte Code	Result Name
27077	PARAFFIN BLOCK NUMBER: AOE
22320	PRIMARY TUMOR SITE: AOE
10012	QUEST INTERNAL NUMBER:
4611	MART-1,IHC w/o interp
29230	Slides/Block mailed on:

p63 Oncoprotein, IHC with Interpretation											
Message	Also available test code 19387, p63 Oncoprotein, IHC without Interpretation.										
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.										
Effective Date	7/10/2012										
Test Code	19254										
CPT Codes	88342										
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin										
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.										
Transport Temperature	Room temperature										
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable										
Set-up/Analytic Time	Set up: Tues-Fri ; Report available: 1 day										
Always Message	Applicable to test code 19387, p63 Oncoprotein, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.										
Methodology	Immunohistochemistry										
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano										
CPU Mappings	<p>p63 Oncoprotein, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4577</td> <td>p63,IHC w/ interp</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4577	p63,IHC w/ interp
Analyte Code	Result Name										
22186	PARAFFIN BLOCK NUMBER: AOE										
22496	PRIMARY TUMOR SITE: AOE										
27109	QUEST INTERNAL NUMBER:										
4577	p63,IHC w/ interp										

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

p63 Oncoprotein, IHC without Interpretation:	
Analyte Code	Result Name
27077	PARAFFIN BLOCK NUMBER: AOE
22320	PRIMARY TUMOR SITE: AOE
10012	QUEST INTERNAL NUMBER:
4557	p63,IHC w/o interp
27136	Slides/Block mailed on:

Pan-cytokeratin (AE1/AE3 and PCK26), IHC with Interpretation							
Message	Also available test code 40040, Pan-cytokeratin (AE1/AE3 and PCK26), IHC without Interpretation.						
Clinical Significance	Anti-cytokeratin cocktail (AE1/AE3 & PCK26) is well suited to distinguish epithelial carcinoma from non-epithelial malignancies and is used to aid epithelial tumor classification. This antibody has been used to characterize the source of various neoplasms and to study the distribution of keratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and has shown high sensitivity in recognizing epithelial cells and carcinomas.						
Effective Date	7/10/2012						
Test Code	40018						
CPT Codes	88342						
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue						
Reject Criteria	Tissue in formalin						
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.						
Transport Temperature	Room temperature						
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable						
Set-up/Analytic Time	Set up: Mon-Fri; Report available: 1 to 3 days						
Always Message	Applicable to test code 40040, Pan-cytokeratin (AE1/AE3 and PCK26), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.						
Methodology	Immunohistochemistry						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano						
CPU Mappings	Pan-cytokeratin (AE1/AE3 and PCK26), IHC with Interpretation: <table border="1"> <tr> <td>Analyte Code</td> <td>Result Name</td> </tr> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE
Analyte Code	Result Name						
22186	PARAFFIN BLOCK NUMBER: AOE						
22496	PRIMARY TUMOR SITE: AOE						

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

27109	QUEST INTERNAL NUMBER:
4738	Pan-cytokeratin w/ interp

Pan-cytokeratin (AE1/AE3 and PCK26), IHC without Interpretation:

Analyte Code	Result Name
27077	PARAFFIN BLOCK NUMBER: AOE
22320	PRIMARY TUMOR SITE: AOE
10012	QUEST INTERNAL NUMBER:
4728	Pan-cytokeratin w/o int
29230	Slides/Block mailed on:

Progesterone Receptor (PR), IHC with Interpretation							
Message	Also available test code 19261, Progesterone Receptor (PR), IHC without Interpretation.						
Clinical Significance	The presence of progesterone receptors in tumor tissue cells is used to select drug therapy, especially in women with breast carcinoma.						
Effective Date	7/10/2012						
Test Code	36159						
CPT Codes	88360						
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin						
Instructions	Tumor paraffin block or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Please submit stained H & E slide and a copy of the pathology report. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.						
Transport Temperature	Room temperature						
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable						
Set-up/Analytic Time	Sets up: Mon-Fri; Reports in 1 to 3 days						
Always Message	Applicable to test code 19261, Progesterone Receptor (PR), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.						
Methodology	Immunohistochemistry						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano						
CPU Mappings	<p>Progesterone Receptor (PR), IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>313357</td> <td>Sample Fixed in Formalin? AOE</td> </tr> <tr> <td>31942</td> <td>Fixed Between 6-72 HRS? AOE</td> </tr> </tbody> </table>	Analyte Code	Result Name	313357	Sample Fixed in Formalin? AOE	31942	Fixed Between 6-72 HRS? AOE
Analyte Code	Result Name						
313357	Sample Fixed in Formalin? AOE						
31942	Fixed Between 6-72 HRS? AOE						

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

86006609	Routine Tissue Processing? AOE
10855	PARAFFIN BLOCK NUMBER: AOE
22496	PRIMARY TUMOR SITE: AOE
10012	QUEST INTERNAL NUMBER:
22549	PROGESTERONE RECEPTOR
30166	PR Staining Intensity
31941	PR Interpretation

Progesterone Receptor (PR), IHC without Interpretation:

Analyte Code	Result Name
27077	PARAFFIN BLOCK NUMBER: AOE
22320	PRIMARY TUMOR SITE: AOE
10012	QUEST INTERNAL NUMBER:
4750	PR,IHC w/o interp
29230	Slides/Block mailed on:

S-100, Monoclonal, IHC with Interpretation	
Message	Also available test code 19400, S-100, Monoclonal, IHC without Interpretation.
Clinical Significance	s-100 is strongly expressed in melanomas, salivary gland tumors, and Schwann cell tumors.
Effective Date	7/10/2012
Test Code	38197
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Mon-Sat; Report available: 1 to 3 days
Always Message	Applicable to test code 19400, S-100, Monoclonal, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>S-100, Monoclonal, IHC with Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>9658</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>6487</td> <td>S-100</td> </tr> </tbody> </table> <p>S-100, Monoclonal, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4454</td> <td>S-100, Mono, IHC w/o interp</td> </tr> <tr> <td>27136</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	9658	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	6487	S-100	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4454	S-100, Mono, IHC w/o interp	27136	Slides/Block mailed on:
Analyte Code	Result Name																						
9658	PARAFFIN BLOCK NUMBER: AOE																						
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10012	QUEST INTERNAL NUMBER:																						
4454	S-100, Mono, IHC w/o interp																						
27136	Slides/Block mailed on:																						

Smooth Muscle Actin, IHC with interpretation	
Message	Also available test code 19403, Smooth Muscle Actin, IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19271
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tues-Fri; Report available: 1 day
Always Message	Applicable to test code 19403, Smooth Muscle Actin, IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist. Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
CPU Mappings	<p>Smooth Muscle Actin, IHC with interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>22186</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22496</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>27109</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4586</td> <td>Smooth Muscle Actin, w/int</td> </tr> </tbody> </table> <p>Smooth Muscle Actin, IHC without Interpretation:</p> <table border="1"> <thead> <tr> <th>Analyte Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>27077</td> <td>PARAFFIN BLOCK NUMBER: AOE</td> </tr> <tr> <td>22320</td> <td>PRIMARY TUMOR SITE: AOE</td> </tr> <tr> <td>10012</td> <td>QUEST INTERNAL NUMBER:</td> </tr> <tr> <td>4828</td> <td>SMA, IHC w/o interp</td> </tr> <tr> <td>29230</td> <td>Slides/Block mailed on:</td> </tr> </tbody> </table>	Analyte Code	Result Name	22186	PARAFFIN BLOCK NUMBER: AOE	22496	PRIMARY TUMOR SITE: AOE	27109	QUEST INTERNAL NUMBER:	4586	Smooth Muscle Actin, w/int	Analyte Code	Result Name	27077	PARAFFIN BLOCK NUMBER: AOE	22320	PRIMARY TUMOR SITE: AOE	10012	QUEST INTERNAL NUMBER:	4828	SMA, IHC w/o interp	29230	Slides/Block mailed on:
Analyte Code	Result Name																						
22186	PARAFFIN BLOCK NUMBER: AOE																						
22496	PRIMARY TUMOR SITE: AOE																						
27109	QUEST INTERNAL NUMBER:																						
4586	Smooth Muscle Actin, w/int																						
Analyte Code	Result Name																						
27077	PARAFFIN BLOCK NUMBER: AOE																						
22320	PRIMARY TUMOR SITE: AOE																						
10012	QUEST INTERNAL NUMBER:																						
4828	SMA, IHC w/o interp																						
29230	Slides/Block mailed on:																						

Thyroid Transcription Factor-1 (TTF-1), IHC with Interpretation	
Message	Also available test code 19410, Thyroid Transcription Factor-1 (TTF-1), IHC without Interpretation.
Clinical Significance	The following CD markers are expressed on specific hematologic cells. Individual and a series of IHC markers can be run on unknown cells and presence or absence of the antigen can help to characterize the cell of interest.
Effective Date	7/10/2012
Test Code	19278
CPT Codes	88342
Specimen Requirements	Formalin fixed paraffin embedded tissue Alternates: (5) 4-micron unstained slides Fixed tissue Tissue in neutral buffered formalin
Instructions	Tumor paraffin block (formalin-fixed only) or five 4-micron unstained sections on Poly-L-Lysine or Silane coated slides. See Specimen Collection Section, Oncology. Ship at room temperature. Do not place paper labels with adhesive backing on slides. Use pencil or xylene resistant pen to write on the frosted end of the slide only. Pathology report is required.
Transport Temperature	Room temperature
Specimen Stability	Room temperature: Indefinite Refrigerated: Indefinite Frozen: Unacceptable
Set-up/Analytic Time	Set up: Tues-Fri; Report available: 1 day
Always Message	Applicable to test code 19410, Thyroid Transcription Factor-1 (TTF-1), IHC without Interpretation only. The sample was processed at Quest Diagnostics for technical-only immunohistochemistry staining as requested by the referring physician. The proper positive and negative controls were confirmed by a Quest Diagnostics pathologist(s) (see attached images), but staining of the test sample has not been evaluated by the Quest Diagnostics pathologist.

6/1/2012 - Special Communication, Quest Diagnostics Nichols Institute, Valencia

	Proper interpretation requires proper integration of clinical, morphologic, and immunologic information as well as proper staining and antibody selection. Fixation and processing of the tissue may interfere with the staining.																						
Methodology	Immunohistochemistry																						
Performing Site	Quest Diagnostics Nichols Institute, San Juan Capistrano																						
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