

3/20/2015 - TSO Update, Quest Diagnostics Nichols Institute, Valencia

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 #
<b>17089</b>	<b>Neurokinin A (Substance K)</b>	3/23/2015	1

Due to these assays being performed by outside vendors, we are unable to use our normal method of communication. Some of the changes listed in this document may be effective in less than 30 days. Please note the individual effective dates below, as these changes may require **IMMEDIATE ACTION**.

## New Test Offering

Neurokinin A (Substance K)					
Message	<b>**This test is not available for New York patient testing**</b>				
Clinical Significance	<b>Neurokinin A is a ten amino acid putative transmitter synthesized in the neurons it is present in. Neurokinin A is a member of the family called Tachykinins which also include Neurokinin B, Substance P, Physalaemin, and Eledoisin. Neurokinin A shares 6 of 10 peptide homologies with Neurokinin B even though they are produced by different genes. Neurokinin A is also very similar in structure to Substance P and produces some of the same biological actions as Substance P. Neurokinin A is a potent bronchoconstrictor. In the gut, Neurokinin A is produced by the intrinsic enteric nervous system.</b>				
Effective Date	<b>3/23/2015</b>				
Test Code	<b>17089</b>				
Specimen Requirements	<b>Preferred: 3 mL (1 mL minimum) frozen plasma collected in a 10 mL special Z-tube™ (G.I. preservative) tube</b>  <b>Acceptable: For tumor/tissue and various fluids (i.e. CSF, peritoneal, synovial, etc.) contact Inter Science for requirements and special handling.</b>				
Reject Criteria	<b>Received room temperature; received refrigerated; not collected in a Z-tube™</b>				
Instructions	<b>Patient should not be on any medications that affect hypertension, gastrointestinal functions or pain relievers, if possible, for at least 48 hours prior to collection of specimen.</b>  <b>Collect 10 mL blood directly into Z-tube™ preservative and separate as soon as possible. Freeze plasma immediately after separation. Special Z-tube™ is available from Inter Science Institute (ISI).</b>				
Transport Temperature	<b>Frozen</b>				
Specimen Stability	<b>Room temperature and Refrigerated: Unacceptable Frozen: 1 month</b>				
Set-up/Analytic Time	<b>Set up: Mon-Fri; Report available: 5-7 business days after set up</b>				
Reference Range	<b>Up to 40 pg/mL</b>				
Methodology	<b>Direct Radioimmunoassay</b>				
Interface Mapping	<table border="1"> <thead> <tr> <th>Result Code</th> <th>Result Name</th> </tr> </thead> <tbody> <tr> <td>86006292</td> <td>Neurokinin A (Substance K)</td> </tr> </tbody> </table>	Result Code	Result Name	86006292	Neurokinin A (Substance K)
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