SPECIALTY LABORATORIES
27027 Tourney Road 800•421•7110
Valencia, CA 91355 www.specialtylabs.com

Test Updates

December 31, 2007

Dear Colleague:

Specialty Laboratories is pleased to announce the immediate availability of Lp-PLA2, an emerging biomarker of atherosclerotic heart disease and stroke that has been shown in several large studies to predict cardiovascular risk. Lp-PLA2 can be performed on plasma or serum with same day resulting. It is recommended that you centrifuge, separate and freeze samples within four hours of collection for best results.

Also available as of January 15th are individual assays for Herpes Simplex Virus 1 and 2 IgM via EIA, with automatic confirmation of abnormal results by Indirect Fluorescence Assay for an additional fee. Other test changes reflect increased stratification of reference ranges, CPT code revisions and modified collection instructions to better serve the needs of our clients. For additional information, please visit our Web site at www.*specialtylabs*.com or contact Client Relations at 800-421-4449.

Specialty Laboratories would like to thank you, our clients, for allowing us to be your preferred reference laboratory. We are continuously working to provide you and your physicians the excellent service and support that clinical services demand. We wish you a joyous holiday season along with a happy and healthy New Year.

Respectfully yours,

Christopher Lockhart, M.D.
Laboratory Director

New Tests:

3470 Lp-PLA2 (Available Immediately)

Component	Method	ReferenceRange/Units
Lp-PLA2	**EIA**	**115-245 ng/mL (Male)** **85-245 ng/mL (Female)**

Specimen/Stability	Serum 1.0 (0.5) mL; Frozen 3 months
Alternate Specimen	Plasma EDTA 1.0 (0.5) mL; Frozen 3 months
Clinical Utility	Lp-PLA2 is a calcium-independent serine lipase that is associated with low-density lipoprotein (LDL) in human plasma and serum. Lp-PLA2 is produced by macrophages and is expressed in greater concentrations in atherosclerotic lesions.
Schedule	Tuesday, Friday
Report	Same day
CPT Code	83698
Note	
Collection	Recommend to centrifuge, separate and freeze samples within four hours of venipuncture.

9456 Herpes Simplex Virus Type 1 IgM Abs [EIA] w/Reflex IFA (Available January 15)

Component	Method	ReferenceRange/Units
HSV 1 IgM Abs	**EIA**	**< 0.8 Index**

Specimen/Stability	Serum 1.0 (0.5) mL; Ambient 7 Days, Refrigerated 14 Days, Frozen 2 months
Alternate Specimen	Plasma EDTA 1.0 (0.5) mL; Ambient 7 Days, Refrigerated 14 Days, Frozen 2 months
Clinical Utility	
Schedule	Sunday, Tuesday-Saturday
Report	Same day
CPT Code	86695
Note	Abnormal HSV Type 1 IgM Abs results are confirmed by Indirect Fluorescence Assay (IFA) for an additional fee (CPT code 86695).
Collection	

9466 Herpes Simplex Virus Type 2 IgM Abs [EIA] w/Reflex IFA (Available January 15)

Component	Method	ReferenceRange/Units
HSV 2 IgM Abs	**EIA**	**< 0.8 Index**

Specimen/Stability	Serum 1.0 (0.5) mL; Ambient 7 Days, Refrigerated 14 Days, Frozen 2 months
Alternate Specimen	Plasma EDTA 1.0 (0.5) mL; Ambient 7 Days, Refrigerated 14 Days, Frozen 2 months
Clinical Utility	
Schedule	Sunday, Tuesday-Saturday
Report	Same day
CPT Code	86696
Note	Abnormal HSV Type 2 IgM Abs results are confirmed by Indirect Fluorescence Assay (IFA) for an additional fee (CPT code 86696).
Collection	

Test Changes:

1160 Erythropoietin

Effective: January 15

Ref Range: New Pediatric Ranges:

Age	Male (mIU/mL)	Female (mIU/mL)
1-3 Y	1.7 – 17.9	2.1 – 15.9
4-6 Y	3.5 – 21.9	2.9 - 8.5
7-9 Y	1.0 – 13.5	2.1 - 8.2
10-12 Y	1.0 – 14.0	1.1 - 9.1
13-15 Y	2.2 – 14.4	3.8 – 20.5
16-18 Y	1.5 – 15.2	2.0 – 14.2

Adult (>18 Y) range remains the same: 3.7 – 31.5

1623 IgG Subclass 1, 2, 3 & 4

Effective: January 15

Ref Range: New Adult (>18 Y) Ranges:

IgG subclass 1: 382 – 929 mg/dL
IgG subclass 2: 242 – 700 mg/dL
IgG subclass 3: 22 – 176 mg/dL
IgG subclass 4: 4 – 86 mg/dL

Pediatric ranges remain the same.

Also Affected: 1625, 1627, 1628, 1629, 1147, 1147P, 1148, 1148P, 1149, 1149P

7465 *Mycobacterium tuberculosis/avium* Complexes DNA DetectR™

Effective: January 15

Component: Specimen Source - ADD

Also affected: 7462, 7468

5355 Cystic Fibrosis 40 (CF40) GenotypR™: Carrier Study

Effective: Immediately

CPT Codes: 83891, 83892x2, 83900, 83901x14, 83914x40, 83909, 83912

9471 Herpes Simplex Virus Types 1/2 IgM Abs [EIA]

Effective: January 15

Name: Herpes Simplex Virus Types 1 & 2 IgM Abs [EIA] w/Reflex IFA

Component: HSV Type 1 IgM Abs– ADD
Reference Range: < 0.8 Index
HSV Type 2 IgM Abs – ADD
Reference Range: < 0.8 Index
HSV Type 1/2 IgM Abs – REMOVE

CPT Codes: 86695, 86696

Note: Abnormal HSV 1 and/or HSV 2 IgM Abs results will automatically reflex to IFA confirmation methodology for an additional fee (CPT code 86695 and/or 86696).

2419 AFB Culture & Stain

Effective: Immediately

Collection: For respiratory specimens, collect three sputum samples from deep productive coughs in consecutive 8 to 24 hour intervals per CDC guidelines (at least one should be an early morning specimen). Collection instructions for all other specimen types remain unchanged.

Also Affected: 2417, 5320

Discontinued:

Effective Immediately:

3245 **Dihydrotestosterone**
Replaced by: S51491 - Dihydrotestosterone

2495 **Hepatitis Delta Virus IgG Abs**
Recommended replacement: S51513 – Hepatitis D Antibody, Total

Effective January 15, 2008:

3095 **First Trimester Screening**

2470 **Hepatitis B Virus Surface Ag without Neutralization**
Replaced by: 2454 – Hepatitis B Virus Surface Antigen

8862 ***Bartonella henselae* DNA DetectR™**
Recommended replacement: S51531 – *Bartonella* DNA, PCR

7511 ***Bartonella quintana* DNA DetectR™**
Recommended replacement: S51531 – *Bartonella* DNA, PCR

7588 ***Histoplasma* DNA UltraQuant®**
Recommended replacement: S51522 – *Histoplasma capsulatum* DNA, PCR

1340 **Immune Status Panel - DPT**
Replaced by: 1331 – Tetanus & Diphtheria Toxoid IgG Abs AND S51533 – *Bordetella pertussis* IgG Antibodies, MAID

9676 ***Bordetella pertussis* IgG, IgM & IgA Abs**

9681 ***Bordetella pertussis* IgM & IgA Abs**

9686 ***Bordetella pertussis* IgM Abs**