

June 26, 2007

Dear Colleague:

*Specialty* is pleased to announce improved set up frequency and turn around time for many of our most frequently requested molecular assays. We will now offer **reporting within 24 hours on samples received Monday thru Friday** for the following **GenotypR™** tests: **1966-Factor V (Leiden) GenotypR™, 5371-Factor II (PT) GenotypR™, 5369-Hemochromatosis GenotypR™, 4562-MTHFR GenotypR™, 1515-Alpha-1-Antitrypsin (AAT) GenotypR™, 5375-Plasminogen Activator Inhibitor (PAI-1) GenotypR™, 5353-DPD-5FU GenotypR™**. Specimen requirements and handling instructions remain unchanged as well as the test codes. Only the CPT codes and method for the individual tests have been updated. These changes will be effective July 17<sup>th</sup> 2007. For NY clients you will temporarily continue to use your existing setup schedule and codes with the addition of **NY** to the end of the code. Example: **1966NY** to order **Factor V (Leiden) GenotypR™ for a NY patient**. A separate update concerning these changes will be sent directly to NY clients.

For clients ordering Serum Protein Electrophoresis tests to rule out monoclonal gammopathy, there is a recommended panel available to simplify ordering. All previous Serum Protein Electrophoresis test codes can be replaced with the following: **1584 Protein Electrophoresis (PEP) Evaluation Serum**. If PEP Interpretation indicates the presence of an abnormal protein fraction with suspected monoclonal pattern, the assay reflexes to Monoclonal Gammopathies (IFE) Serum (test code 3125), for an additional fee. **If a monoclonal gammopathy is detected** (or confirmed) with IFE, assay will further reflex to IgA, IgG, and IgM Immunoglobulin Quantitation (test code 1045) and Myeloma EvaluatR™ (Serum Free Light Chains) (test code 1760), to quantify the monoclonal protein and light chain fractions for an additional fee. Serum free light chain evaluation is a preferred method for identifying and characterizing certain monoclonal gammopathies. It is also the most sensitive and accurate method available currently to follow patients being treated for a monoclonal gammopathy. For additional information, please see our technotes related to the Myeloma EvaluatR™ (Serum Free Light Chains) (test code 1760).

In the interest of improved patient care, we urge every client to double check the specimen requirements for acceptable sample types, stability, and shipping requirements online at [www.specialtylabs.com](http://www.specialtylabs.com) or by calling client relations at 800-421-4449 before sending specimens, as these policies are strictly adhered to at Specialty Laboratories.



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# Sendout Replacements: None

## Discontinued : None

## Test Changes:

### 1515 Alpha-1-Antitrypsin GenotypR™

Effective July 17, 2007  
Method PCR  
CPT Codes 83891, 83900, 83914x2, 83909, 83912

### 3131 Adenosine Deaminase

Effective Immediately  
Ref. Range Serum 0 – 15.0 U/L  
CSF 0 – 5.0 U/L  
Pleural Fluid 0 – 24.0 U/L

### 5320 AFB Stain

Effective June 26, 2007  
Ref. Range No AFB Seen  
Also Affected 2419

### 4868UR Cadmium Urine Random

Effective July 10, 2007  
Ref. Range Cadmium/Creatinine Ratio <3.0 ug/g creat  
Also Affected 4500I, 4500URI

### 4868W Cadmium Whole Blood

Effective July 10, 2007  
Ref. Range <5.0 ug/L  
Also Affected 4500I

### 4836U Calcium Urine 24hr

Effective July 17, 2007  
Ref. Range 100 – 300 mg/24hr  
Also Affected 4168

### 4836 Calcium, Total

Effective July 10, 2007  
Ref. Range Age Male (mg/dL) Female (mg/dL)  
>18 years 8.7 – 10.4 8.7 – 10.4  
Also Affected 3208, 3213, 3943, 3943SR, 3944, 3945, 5314, 5315, 5317

### 4170U Cocaine and Metabolites Confirmation, Urine

Effective Immediately  
Specimen 10 (5) mL Urine, Ambient – 7 Days, Refrigerated – 7 Days,  
Frozen – 7 Days  
Also Affected 4171U, 4172U

**3129U Cortisol Free Urine 24hr UltraQuant®**  
 Effective July 17, 2007  
 Ref. Range Age Group Ref. Range  
 0 – 2 Years Not Established  
 3 – 8 Years 1.4 – 20 ug/24hr  
 9 – 12 Years 2.6 – 37 ug/24hr  
 13 – 17 Years 4.0 – 56 ug/24hr  
 >= 18 Years Males 4.2 – 60 ug/24hr  
 >= 18 Years Females 3.0 – 43 ug/24hr

**3133 Cyclic Citrullinated Peptide (CCP) IgG Antibody**  
 Effective July 10, 2007  
 Name Anti-CCP  
 Ref. Range <5.0 U/mL  
 Alt. Specimen 1 (0.5) mL Serum, Ambient – 7 Days, Refrigerated – 7 Days, Frozen – 7 Days  
 1 (0.5) mL Plasma Sodium Citrate, Ambient – 7 Days, Refrigerated – 7 Days, Frozen – 7 Days  
 1 (0.5) mL Plasma EDTA, Ambient – 7 Days, Refrigerated – 7 Days, Frozen – 7 Days  
 Method Microparticle Enzyme Immunoassay (MEIA)  
 Also Affected 1013, 1014

**9430 Cytomegalovirus DNA UltraQuant®**  
 Effective July 17, 2007  
 Ref. Range <100 copies/mL  
 Also Affected 9430C, 9430SR, 2773C, 2774C

**3146 Dehydroepiandrosterone**  
 Effective Immediately  
 Ref. Range Age Male (ng/mL) Female (ng/mL)  
 0 – 7D <15.0 <15.0  
 8D – 1M 4.0 – 23.0 4.0 – 23.0  
 2M – 1Y 0.4 – 7.0 0.4 – 7.0  
 2Y – 4Y 0.5 – 3.5 0.5 – 3.5  
 5Y – 9Y 0.7 – 3.0 0.7 – 3.0  
 10Y – 18Y NOT ESTABLISHED  
 >18Y 1.8 – 12.5 1.3 – 9.8

Tanner Ranges:

	Males Age (y)	Females Age (y)	DHEA (ng/mL)
Tanner Stage 1:	< 9.5	< 8.9	0.7 – 3.5
Tanner Stage 2:	9.5 – 14.5	8.9 – 13.4	1.5 – 5.0
Tanner Stage 3:	10.1 – 15.0	9.6 – 14.1	1.8 – 8.0
Tanner Stage 4:	11.2 – 15.8	10.4 – 15.3	2.0 – 9.0
Tanner Stage 5:	>15.8	>15.3	2.5 – 10.0

Method EIA  
 Specimen 1 (0.5) mL Serum, Ambient – 5 Days, Refrigerated – 5 Days, Frozen – 7 Days  
 1 (0.5) mL Plasma, Ambient – 5 Days, Refrigerated – 5 Days, Frozen – 7 Days

<b>3217</b>	<b>Direct Renin</b>	Effective	Immediately
		Specimen	2 (1) mL Plasma EDTA, Refrigerated – 3 Days, Frozen – 5 Days
		Units	uIU/mL
<b>5383</b>	<b>DPD-5FU GenotypR™</b>	Effective	July 17, 2007
		Method	PCR
		CPT Codes	83891, 83898, 83914, 83909, 83912
<b>7584</b>	<b>Epstein-Barr Virus DNA UltraQuant®</b>	Effective	July 17, 2007
		Ref. Range	<100 copies/mL
		Also Affected	7584C, 7584P
<b>5371</b>	<b>Factor II (PT) GenotypR™</b>	Effective	July 17, 2007
		Method	PCR
		CPT Codes	83891, 83898, 83914, 83909, 83912
		Also Affected	4555
<b>1966</b>	<b>Factor V (Leiden) GenotypR™</b>	Effective	July 17, 2007
		Method	PCR
		CPT Codes	83891, 83898, 83914, 83909, 83912
		Also Affected	4555
<b>4302U</b>	<b>Fentanyl &amp; Norfentanyl Urine</b>	Effective	July 17, 2007
		Ref. Range	Fentanyl <1.0 ng/mL Norfentanyl <1.0 ng/mL
<b>1426</b>	<b>Fibrinogen</b>	Effective	July 17, 2007
		Ref. Range	185 – 434 mg/dL
		Also Affected	5971, 5973, 5990, 5991
<b>5369</b>	<b>Hemochromatosis GenotypR™</b>	Effective	July 17, 2007
		Mutation	S65C mutation is added. With the addition test detects 3 mutations: C282Y, H63D, S65C.
		Method	PCR
		CPT Codes	83891, 83900, 83914x3, 83909, 83912
		Note	Mutation change does not apply to NY Clients.
<b>3310U</b>	<b>Hydroxyindoleacetic Acid, 5 (24 hour Urine)</b>	Effective	Immediately
		Specimen	2.0 (1.0) mL Urine, Refrigerated – 7 Days, Frozen – 2 Months
		Also Affected	3310UR
		Note	Also called 5HIAA

**3984 Inhibin A**  
 Effective July 10, 2007  
 Alt. Specimen 1 (0.5) mL Plasma Heparin, Refrigerated – 5 Days, Frozen – 2 Months  
 1 (0.5) mL Plasma EDTA, Refrigerated – 5 Days, Frozen – 2 Months  
 Method Chemiluminescence (CL)  
 Interpretation Adult Males: <2.0 pg/mL  
 Adult Females:  
 Early follicular 1.8 – 17.3 pg/mL  
 Mid follicular phase 3.5 – 31.7 pg/mL  
 Late follicular phase 9.8 – 90.3 pg/mL  
 Midcycle 16.9 – 91.8 pg/mL  
 Early luteal 16.1 – 97.5 pg/mL  
 Mid luteal 3.9 – 87.7 pg/mL  
 Late luteal 2.7 – 47.1 pg/mL  
 Postmenopausal <2.1 pg/mL  
 Also Affected 3092

**8516 Influenza Virus A & B IgG, IgM & IgA Abs**  
 Effective July 10, 2007  
 Ref. Range Less than 0.80 Index . . . . Negative  
 0.80 – 1.20 Index . . . . . Equivocal  
 Greater than 1.20 Index . . . Positive  
 Also Affected 2772, 8517, 8518, 8519, 8520, 8522, 8523

**4104U Lysergic Acid Diethylamide (LSD) Urine**  
 Effective Immediately  
 Specimen 5 (3) mL Urine, Ambient – 7 Days, Refrigerated – 7 Days,  
 Frozen – 7 Days

**4562 MTHFR GenotypR™**  
 Effective July 17, 2007  
 Method PCR  
 CPT Codes 83891, 83900, 83914x2, 83909, 83912  
 Also Affected 4555

**4176U Oxycodone and Metabolite, Urine**  
 Effective Immediately  
 Specimen 5 (3) mL Urine, Ambient – 7 Days, Refrigerated – 7 Days,  
 Frozen – 7 Days

**5375 Plasminogen Activator Inhibitor (PAI-1) GenotypR™**  
 Effective July 17, 2007  
 Method PCR  
 CPT Codes 83891, 83898, 83914, 83909, 83912

**5353 TPMT GenotypR™**  
 Effective July 17, 2007  
 Method PCR  
 CPT Codes 83891, 83900, 83901, 83914x3, 83909, 83912

**3393**

**Troponin I**

Effective June 26, 2007  
Name Troponin I-Ultra  
Specimen 2 (0.5) mL Serum, Refrigerated – 7 Days,  
Frozen – 1 Month  
Ref. Range <0.06 ng/mL  
Note Moderately to grossly icteric samples are not acceptable.  
Also Affected 3390

**3530**

**Vitamin E (Alpha- & Gamma-Tocopherol)**

Effective Immediately  
Specimen 1 (0.4) mL Serum Foil Wrap, Ambient – 48 Hours,  
Refrigerated – 14 Days, Frozen – 2 Months  
Also Affected 3502, 3524