



Effective Date:

Monday, August 11, 2014

Test Updates

Immediate Action

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, August 11, 2014

Test Changes - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this notification, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



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Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
7634SP	Estradiol (E2), Serum/Plasma			•				•	
7640SP	Estrogens Fractionated, Serum/Plasma			•				•	
2697B	Metals Acute Poisoning Panel, Blood (CSA)			•		•			



Test Updates

Test Changes

7634SP Estradiol (E2), Serum/Plasma

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Reference Comment was changed.

- Specimen Requirements: 0.5 mL Serum or Plasma
- Transport Temperature: Refrigerated
- Specimen Container: Green top tube (Sodium Heparin), Lavender top tube (EDTA), Light Green top tube (Lithium Heparin), Pink top tube (EDTA), Polymer gel separation tube (SST or PST), Red top tube (no additive)
- Light Protection: Not Required
- Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
- Rejection Criteria: None
- Scope of Analysis: LC-MS/MS (82670): Estradiol
- Method (CPT Code)

Compound Name	Units	Reference Comment
Estradiol	pg/mL	<p>Reference Intervals for Males:</p> <p>Age 7-9 years: Less than 7 pg/mL Age 10-12 years: Less than 11 pg/mL Age 13-15 years: Less than 37 pg/mL Age 16-17 years: Less than 35 pg/mL Age 18 years and above: 10-42 pg/mL</p> <p>Tanner Stage I: Less than 8 pg/mL Tanner Stage II: Less than 10 pg/mL Tanner Stage III: Less than 36 pg/mL Tanner Stage IV-V: Less than 36 pg/mL</p> <p>Reference Intervals for Females:</p> <p>Age 7-9 years: Less than 36 pg/mL Age 10-12 years: Less than 88 pg/mL Age 13-15 years: 9-249 pg/mL Age 16-17 years: Less than 267 pg/mL Age 18 years and above:</p> <p>Early Follicular Phase: 30-100 pg/mL Late Follicular Phase: 100-400 pg/mL Luteal Phase: 50-150 pg/mL Postmenopausal: Less than 22 pg/mL</p> <p>Tanner Stage I: Less than 56 pg/mL Tanner Stage II: Less than 134 pg/mL Tanner Stage III: 12-277 pg/mL Tanner Stage IV-V: Less than 260 pg/mL</p>

7640SP Estrogens Fractionated, Serum/Plasma



Test Changes

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
 Reference Comment was changed.

Specimen Requirements: 0.5 mL Serum or Plasma
 Transport Temperature: Refrigerated
 Specimen Container: Green top tube (Sodium Heparin), Lavender top tube (EDTA), Light Green top tube (Lithium Heparin), Pink top tube (EDTA), Polymer gel separation tube (SST or PST), Red top tube (no additive)
 Light Protection: Not Required
 Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
 Rejection Criteria: None
 Scope of Analysis: LC-MS/MS (82671): Estrone, Estradiol, Estriol
 Method (CPT Code)

Compound Name	Units	Reference Comment
Estradiol	pg/mL	<p>Reference Intervals for Males: Age 7-9 years: Less than 7 pg/mL Age 10-12 years: Less than 11 pg/mL Age 13-15 years: Less than 37 pg/mL Age 16-17 years: Less than 35 pg/mL Age 18 years and above: 10-42 pg/mL</p> <p>Tanner Stage I: Less than 8 pg/mL Tanner Stage II: Less than 10 pg/mL Tanner Stage III: Less than 36 pg/mL Tanner Stage IV-V: Less than 36 pg/mL</p> <p>Reference Intervals for Females: Age 7-9 years: Less than 36 pg/mL Age 10-12 years: Less than 88 pg/mL Age 13-15 years: 9-249 pg/mL Age 16-17 years: Less than 267 pg/mL Age 18 years and above: Early Follicular Phase: 30-100 pg/mL Late Follicular Phase: 100-400 pg/mL Luteal Phase: 50-150 pg/mL Postmenopausal: Less than 22 pg/mL</p> <p>Tanner Stage I: Less than 56 pg/mL Tanner Stage II: Less than 134 pg/mL Tanner Stage III: 12-277 pg/mL Tanner Stage IV-V: Less than 260 pg/mL</p>

2697B Metals Acute Poisoning Panel, Blood (CSA)



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Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Vanadium was removed.

Specimen Requirements: 7 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)
Light Protection: Not Required
Special Handling: Clotted Blood specimens are not acceptable. Collect sample in Glass Container (see Specimen Container).
Avoid seafood consumption for 48 hours prior to sample collection. Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable.
Rejection Criteria: Plastic container. Plastic tube. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin). Lavender top tube (EDTA).
Scope of Analysis: ICP/MS (None, 82300): Cadmium, Chromium, Cobalt, Molybdenum, Nickel,
Method (CPT Code) Selenium
ICP/MS (83018): Antimony
ICP/MS (82175): Arsenic
ICP/MS (83018): Bismuth
ICP/MS (83018): Tellurium
ICP/OES (84630): Zinc
ICP/OES (82525): Copper
ICP/MS (83825): Mercury