



September 16, 2010

RE: **Immediate Action test change notification**

Dear Valued Client:

The following pages detail important information regarding tests requiring database modifications. Please be advised that this urgent change is effective **October 4, 2010**.

Please use this packet of information to update your computer systems/records. This change is important to ensure standardization of our mutual laboratory databases.

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

Sincerely,

NMS Labs

### Database Changes - Summary

Test Code	Test Name	New Test	Specimen Requirements	Stability	Scope
6108B	Cadmium Exposure Profile (OSHA), Blood		•		
6108U	Cadmium Exposure Profile (OSHA), Urine		•	•	•
6109U	Cadmium Exposure Profile (OSHA), Urine	•			

**NMS Labs**

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**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>6109U</b>	<b>Cadmium Exposure Profile (OSHA), Urine</b>			
	Scope of Analysis: Creatinine	5	mg/L	Colorimetry (82570)
	Reference Comment: ACGIH Normal range in adults: 300 - 3400 mg/L (mean: 1000 mg/L) [0.3 - 3.4 g/L (mean: 1 g/L)] 1000 - 1600 mg/day (1.0 - 1.6 g/day).			
	Scope of Analysis: Beta-2 Microglobulin	4	mcg/L	EIA (82232)
	Beta-2 Microglobulin (Creatinine corrected)		mcg/g Creat	
	Reference Comment: Minimum (OSHA) action level for enhanced medical surveillance: Greater than 300 mcg B2M/g Creatinine.			
	Specimen Requirements: Specimen Requirements: 10 mL Urine Transport Temperature: Frozen Specimen Container: Plastic container (Acid washed or Trace metal-free) Light Protection: Not Required Special Handling: Please submit samples using the NMS Labs OSHA Cadmium Exposure kit. Collect sample at end of shift and transfer into the provided container labeled: Urine Collection Container - Beta-2 Microglobulin. Rejection Criteria: Received Room Temperature. Received Refrigerated.			
	Stability: Room Temperature: Not Stable Refrigerated: 1 day(s) Frozen (-20 °C): 14 day(s)			
	Note: This test is used for Occupational Exposure Monitoring for Cadmium (Assists in exposure monitoring as mandated by OSHA). This test code 6109U (Beta-2 Microglobulin, Urine) must be ordered in conjunction with test codes 6108U (Cadmium, Urine) and 6108B (Cadmium, Blood).			

**TEST UPDATES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
6108B	<b>Cadmium Exposure Profile (OSHA), Blood</b>		
	<p>Scope: Cadmium</p> <p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: Royal Blue top tube (Trace metal-free; EDTA) Light Protection: Not Required Special Handling: Please submit samples using the NMS Labs OSHA Cadmium Exposure kit. Collect sample at end of shift into the provided container labeled: Blood Collection Container - Cadmium. Clotted Blood specimens are not acceptable. Submit in container with a non-Heparin based anticoagulant. Tubes containing Heparin based anticoagulants are not acceptable. Rejection Criteria: Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium Heparin).</p>	mcg/L	ICP/MS (82300)
<p>Summary of Updates: Special Handling was changed. Rejection Criteria was changed.</p> <p>Note: This test is used for Occupational Exposure Monitoring for Cadmium (Assists in exposure monitoring as mandated by OSHA). This test code 6108B (Cadmium, Blood) must be ordered in conjunction with test codes 6109U (Beta-2 Microglobulin, Urine) and 6108U (Cadmium, Urine).</p>			
6108U	<b>Cadmium Exposure Profile (OSHA), Urine</b>		
	<p>Scope: Creatinine</p> <p>Cadmium</p> <p>Cadmium (Creatinine corrected)</p> <p>Specimen Requirements: Specimen Requirements: 10 mL Urine Transport Temperature: Refrigerated Specimen Container: Plastic container (Acid washed or Trace metal-free) Light Protection: Not Required Special Handling: Please submit samples using the NMS Labs OSHA Cadmium Exposure kit. Collect sample at end of shift and transfer into the provided container labeled: Urine Collection Container - Cadmium. Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: Trace Metal Free Nitric Acid (0.1 mL of 16M acid/10 mL urine). Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Rejection Criteria: None</p>	mg/L mcg/L mcg/g Creat	Colorimetry (82570) ICP/MS (82300)
<p>Stability: Room Temperature: 7 day(s) Refrigerated: 7 day(s) Frozen (-20 °C): 14 day(s)</p>			

Updates effective:  
October 4, 2010

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## TEST UPDATES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
	<p>Summary of Updates: Beta-2 Microglobulin and Beta-2 Microglobulin (Creatinine corrected) were removed from this test. Please order 6109U. Requested volume was changed. Transport Temperature was changed. Special Handling was changed. Rejection Criteria was changed. Stability was changed.</p> <p>Note: This test is used for Occupational Exposure Monitoring for Cadmium (Assists in exposure monitoring as mandated by OSHA). This test code 6108U (Cadmium, Urine) must be ordered in conjunction with test codes 6109U (Beta-2 Microglobulin, Urine) and 6108B (Cadmium, Blood).</p>		