



December 23, 2009

RE: **Emergency test change notification**

Dear Valued Client:

The following pages detail important information regarding a test requiring database modifications. Please be advised that this urgent change is effective **January 11, 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	Method/ CPT code	Scope	Specimen Requirements	Discontinued	Reference Comment
0460R	Arsenic, RBCs	.				.
1005B	Carbon Monoxide Profile, Blood (Forensic)		.			
1006B	Carbon Monoxide - Iron Ratio Profile, Blood	.				
1006TI	Carbon Monoxide - Iron Ratio Profile, Tissue	.				
1041SP	Cerium, Serum/Plasma				.	
2188SP	Hafnium, Serum/Plasma				.	
2430B	Iron, Blood	.		.		
2430FL	Iron, Fluid				.	
2430R	Iron, RBCs	.		.		
2430SP	Iron, Serum/Plasma	.		.		
2430TI	Iron, Tissue	.				
2430U	Iron, Urine	.		.		
2430UH	Iron, 24 Hour Urine	.		.		
2489B	Lanthanum, Blood				.	
2489R	Lanthanum, RBCs				.	
2489SP	Lanthanum, Serum/Plasma				.	
2489U	Lanthanum, Urine				.	
3249B	Osmium, Blood				.	
4190B	Silicon, Blood	.				
4190FL	Silicon, Fluid	.				
4190R	Silicon, RBCs	.				
4190SP	Silicon, Serum/Plasma	.				
4190TI	Silicon, Tissue				.	
4190U	Silicon, Urine	.				
4309SP	Tantalum, Serum/Plasma				.	
4309U	Tantalum, Urine				.	
4478B	Thorium, Blood				.	
4478R	Thorium, RBCs				.	
4478SP	Thorium, Serum/Plasma	.		.		
4478U	Thorium, Urine	.		.		
4870B	Zirconium, Blood				.	
4870R	Zirconium, RBCs				.	
4870SP	Zirconium, Serum/Plasma	.		.		
4870U	Zirconium, Urine				.	
6100LI	Dialysis Water Analysis	.				
6365R	Inorganic Panel 8, RBCs				.	

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Updates effective:
January 11, 2010

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST UPDATES

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

Test Code	Test Name	Units	Method / CPT Code
0460R	Arsenic, RBCs		
	Scope of Analysis: Arsenic	11 mcg/L	ICP/MS (82175)
Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.			
1005B	Carbon Monoxide Profile, Blood (Forensic)		
	Scope of Analysis: Carboxyhemoglobin	2.0 % Saturation	SP (82375)
	Carboxyhemoglobin	2.0 % Saturation	MD (80101)
Summary of Updates: For Quality Improvement purposes the following updates were made. Carboxyhemoglobin [MD] was added.			
1006B	Carbon Monoxide - Iron Ratio Profile, Blood		
	Scope of Analysis: Carbon Monoxide	1.1 mcg/mL	GC/MS (82375)
	Iron	2.0 mg/dL	ICP/AES (83540)
	Carboxyhemoglobin	% Saturation	
Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.			
1006TI	Carbon Monoxide - Iron Ratio Profile, Tissue		
	Scope of Analysis: Carbon Monoxide	1.1 mcg/g	GC/MS (80103, 82375)
	Iron	20 mcg/g	ICP/AES (80103, 83540)
	Carboxyhemoglobin	% Saturation	
Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.			

TEST UPDATES

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

Test Code	Test Name	Units	Method / CPT Code
6100LI	Dialysis Water Analysis		
	Scope of Analysis:		
	Arsenic	mg/L	0.001 ICP/MS (None)
	Fluoride	mg/L	0.1
	Nitrate	mg/L	0.2 IC (None)
	Sulfate	mg/L	2.0
	Chloramines	mg/L	0.05
	Chlorine - Free	mg/L	0.05 SP (None)
	Lead	mg/L	0.001 ICP/MS (None)
	Chromium	mg/L	0.0005 GFAAS (None)
	Selenium	mg/L	0.01 ICP/MS (None)
	Aluminium	mg/L	0.005 ICP/MS (None)
	Cadmium	mg/L	0.0005 ICP/MS (None)
	Silver	mg/L	0.0005 ICP/MS (None)
	Mercury	mg/L	0.003 ICP/MS (None)
	Copper	mg/L	0.05
	Zinc	mg/L	0.05
	Calcium	mg/L	0.5
	Magnesium	mg/L	0.5 ICP/AES (None)
	Barium	mg/L	0.02
	Sodium	mg/L	1
	Potassium	mg/L	5
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Method was updated.	
2430B	Iron, Blood		
	Scope of Analysis:	Iron	0.4 mg/dL ICP/AES (83540)
	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: 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).	
	Summary of Updates:	For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was decreased.	

Updates effective:
January 11, 2010

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST UPDATES

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

Test Code	Test Name	Units	Method / CPT Code
2430R	Iron, RBCs		
	Scope of Analysis: Iron	0.4	mg/dL
	Specimen Requirements: Specimen Requirements: 1 mL RBCs Transport Temperature: Refrigerated Specimen Container: Royal Blue top tube (Trace metal-free; EDTA) Light Protection: Not Required Special Handling: Centrifuge and separate RBCs into an acid washed plastic screw capped vial within two hours of collection. Rejection Criteria: Received Frozen.		ICP/AES (83540)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was decreased.		
2430SP	Iron, Serum/Plasma		
	Scope of Analysis: Iron	20	mg/dL
	Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive) Light Protection: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		ICP/AES (83540)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was increased.		
2430TI	Iron, Tissue		
	Scope of Analysis: Iron	20	mcg/g
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.		ICP/AES (80103, 83540)

TEST UPDATES

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

Test Code	Test Name	Units	Method / CPT Code
2430U	Iron, Urine		
	Scope of Analysis: Iron	0.02 mg/L	ICP/AES (83540)
	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: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Rejection Criteria: None		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was increased.		
2430UH	Iron, 24 Hour Urine		
	Scope of Analysis: Urine Volume	L	
	Iron	0.02 mg/L	ICP/AES (83540)
	Iron	0.02 mg/24 hr	
	Specimen Requirements: Specimen Requirements: 10 mL 24 Hour Urine Transport Temperature: Refrigerated Specimen Container: Plastic container (Acid washed or Trace metal-free) Light Protection: Not Required Special Handling: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Rejection Criteria: None		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was increased.		
4190B	Silicon, Blood		
	Scope of Analysis: Silicon	0.1 mg/dL	ICP/AES (84285)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.		
4190FL	Silicon, Fluid		
	Scope of Analysis: Silicon	0.1 mg/dL	ICP/AES (84285)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.		

Updates effective:
January 11, 2010

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST UPDATES

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

Test Code	Test Name	Units	Method / CPT Code
4190R	Silicon, RBCs		
	Scope of Analysis: Silicon	0.1 mg/dL	ICP/AES (84285)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.		
4190SP	Silicon, Serum/Plasma		
	Scope of Analysis: Silicon	0.1 mg/dL	ICP/AES (84285)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.		
4190U	Silicon, Urine		
	Scope of Analysis: Silicon	0.1 mg/dL	ICP/AES (84285)
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated.		
4478SP	Thorium, Serum/Plasma		
	Scope of Analysis: Thorium	1000 mcg/L	ICP/AES (83018)
	Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive) Light Protection: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was increased.		
4478U	Thorium, Urine		
	Scope of Analysis: Thorium	100 mcg/L	ICP/AES (83018)
	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: Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection. Rejection Criteria: None		
	Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was increased.		

TEST UPDATES

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

Test Code	Test Name	Units	Method / CPT Code
4870SP	Zirconium, Serum/Plasma		
	Scope of Analysis: Zirconium	1000	mcg/L
	Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma		ICP/AES (83018)
	Transport Temperature: Refrigerated		
	Specimen Container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)		
	Light Protection: Not Required		
	Special Handling: Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.		
	Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Updates: For Quality Improvement purposes the following updates were made. Method was updated. Requested volume was increased.			

DISCONTINUED TESTS

Test Code	Test Name	Alternative Test
1041SP	Cerium, Serum/Plasma	No alternate test available
2188SP	Hafnium, Serum/Plasma	No alternate test available
6365R	Inorganic Panel 8, RBCs	No alternate test available
2430FL	Iron, Fluid	2430B Iron, Blood 2430SP Iron, Serum/Plasma
2489B	Lanthanum, Blood	No alternate test available
2489R	Lanthanum, RBCs	No alternate test available
2489SP	Lanthanum, Serum/Plasma	No alternate test available
2489U	Lanthanum, Urine	No alternate test available
3249B	Osmium, Blood	No alternate test available
4190TI	Silicon, Tissue	4190B Silicon, Blood 4190SP Silicon, Serum/Plasma
4309SP	Tantalum, Serum/Plasma	No alternate test available
4309U	Tantalum, Urine	No alternate test available
4478B	Thorium, Blood	4478SP Thorium, Serum/Plasma
4478R	Thorium, RBCs	4478SP Thorium, Serum/Plasma
4870B	Zirconium, Blood	4870SP Zirconium, Serum/Plasma
4870R	Zirconium, RBCs	4870SP Zirconium, Serum/Plasma
4870U	Zirconium, Urine	4870SP Zirconium, Serum/Plasma

Updates effective:
January 11, 2010

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



REFERENCE COMMENT UPDATES

Test Code	Test Name / Compound	New Reference Comment
0460R	Arsenic, RBCs <ul style="list-style-type: none"><li data-bbox="261 449 461 478">• Arsenic	Normal values average 23 +/- 160 mcg/L. Seafood consumption within 2 to 3 days before specimen collection can markedly increase total Arsenic levels. Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact NMS Labs if you need assistance in supplying your state with the required information.