



Effective Date:

Monday, October 02, 2017

## Test Updates

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, October 02, 2017

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**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.

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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
0785B	Aromatic Solvents Exposure Panel, Blood							•	
0652SP	Biphenyl, Serum/Plasma								•
0652U	Biphenyl, Urine								•
1043LI	Chloramine, Liquid								•
1085LI	Chlorine - Free, Liquid								•
9005OF	DUID-DRE Screen (Qualitative) ProofPOSITIVE®, Oral Fluid (Saliva) (Forensic)			•	•				
8888OF	DUID/DRE Cannabinoids (Qualitative) ProofPOSITIVE®, Oral Fluid (Saliva) (CSA)				•				
8892OF	Delta-9 THC (Qualitative), Oral Fluid (Saliva)			•	•				
8900OF	Delta-9 THC (Quantitative), Oral Fluid (Saliva)			•	•				
5850OF	Delta-9 THC Confirmation (Qualitative), Oral Fluid (Saliva) (Forensic)			•	•				
8897OF	Drugs of Abuse (7 Panel) (Qualitative), Oral Fluid (Saliva)			•	•				
8103B	Environmental Exposure Screen, Blood (Forensic)					•			
2308B	Hydralazine, Blood								•
2308SP	Hydralazine, Serum/Plasma			•	•				
2308U	Hydralazine, Urine								•
2321B	Hydrocarbon and Oxygenated Volatiles Panel, Blood							•	
2417B	Inhalant Intoxicants Profile, Blood							•	
2415B	Inhalants Panel, Blood							•	
2408B	Inhalants Panel, Blood (CSA)							•	
2413B	Inhalants Panel, Solvents and Gases, Blood							•	
2411B	Inhalants Panel, Solvents, Blood							•	
3122U	Naphthalene and Metabolite, Urine								•
9327SP	Propane, Serum/Plasma								•
7650SP	Sex Hormone Binding Globulin (SHBG), Serum/Plasma				•				
0871B	Solvent Exposure Profile, Blood							•	
7612SP	Testosterone, Free (CSA), Serum/Plasma				•				
7610SP	Testosterone, Free and Total (CSA), Serum/Plasma				•				
7601SP	Testosterone, Free and Total, Serum/Plasma				•				



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Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
7613SP	Testosterone, Free, Total and Bioavailable (CSA), Serum/Plasma				•				
7614SP	Testosterone, Free, Total and Bioavailable (CSA), Serum/Plasma				•				
7602SP	Testosterone, Free, Total and Bioavailable, Serum/Plasma				•				
7603SP	Testosterone, Total and Bioavailable, Serum/Plasma				•				
7600SP	Testosterone, Total, Serum/Plasma				•				
4510B	Toluene, Blood							•	
4510SP	Toluene, Serum/Plasma								•
3135SP	Vitamin K, Serum/Plasma				•				
10008SP	Vitamin K, Serum/Plasma (CSA)				•				



# Test Updates

## Test Changes

### 0785B Aromatic Solvents Exposure Panel, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): Benzene, Toluene, o-Xylene, p-Xylene, m-Xylene,  
Method (CPT Code) Ethylbenzene, Styrene

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

### 9005OF DUID-DRE Screen (Qualitative) ProofPOSITIVE®, Oral Fluid (Saliva) (Forensic)

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Stability was changed.

Specimen Requirements: 5 mL Oral Fluid (Saliva)

Transport Temperature: Refrigerated

Specimen Container: Oral Fluid collection device

Light Protection: Not Required

Special Handling: Immunalysis Quantisal™ collection device is preferred. Other collection devices are acceptable; however they may affect the reporting limit of the assay. Pour-off containers from non- Immunalysis Quantisal™ collection devices are acceptable. DO NOT FREEZE collection devices.

Rejection Criteria: None

Stability: Room Temperature: Undetermined  
Refrigerated: 2 day(s)  
Frozen (-20 °C): Undetermined

The listed stability was determined for the Quantisal device with the pad stored inside the device. Additional stability information follows:  
Quantisal device with pad outside the device: Room Temperature = 2 days;  
Refrigerated = 21 days; Frozen = 60 days.  
Intercept device with pad inside the device: Room Temperature = 0 days;  
Refrigerated = 0 days.  
Intercept device with pad outside the device: Room Temperature = 21 days;  
Refrigerated = 30 days; Frozen = 60 days.

### 8888OF DUID/DRE Cannabinoids (Qualitative) ProofPOSITIVE®, Oral Fluid (Saliva) (CSA)

Summary of Changes: Stability was changed.



## Test Updates

### Test Changes

Stability: Room Temperature: Not Stable  
Refrigerated: 2 day(s)  
Frozen (-20 °C): Undetermined

The listed stability was determined for the Quantisal device with the pad stored inside the device. Additional stability information follows:

Quantisal device with pad outside the device: Room Temperature = 2 days;  
Refrigerated = 21 days; Frozen = 60 days.

Intercept device with pad inside the device: Room Temperature = 0 days;  
Refrigerated = 0 days.

Intercept device with pad outside the device: Room Temperature = 21 days;  
Refrigerated = 30 days; Frozen = 60 days.

#### 88920F Delta-9 THC (Qualitative), Oral Fluid (Saliva)

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.

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Specimen Requirements: 1 mL Oral Fluid (Saliva)

Transport Temperature: Refrigerated

Specimen Container: Oral Fluid collection device

Light Protection: Not Required

Special Handling: Immunalysis Quantisal<sup>TM</sup> collection device is preferred. Other collection devices are acceptable; however they may affect the reporting limit of the assay. Pour-off containers from non- Immunalysis Quantisal<sup>TM</sup> collection devices are acceptable. DO NOT FREEZE collection devices.

Rejection Criteria: Received Room Temperature.

Stability: Room Temperature: Not Stable  
Refrigerated: 2 day(s)  
Frozen (-20 °C): Undetermined

The listed stability was determined for the Quantisal device with the pad stored inside the device. Additional stability information follows:

Quantisal device with pad outside the device: Room Temperature = 2 days;  
Refrigerated = 21 days; Frozen = 60 days.

Intercept device with pad inside the device: Room Temperature = 0 days;  
Refrigerated = 0 days.

Intercept device with pad outside the device: Room Temperature = 21 days;  
Refrigerated = 30 days; Frozen = 60 days.

#### 89000F Delta-9 THC (Quantitative), Oral Fluid (Saliva)

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.

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### Test Changes

Specimen Requirements: 1 mL Oral Fluid (Saliva)  
Transport Temperature: Refrigerated  
Specimen Container: Oral Fluid collection device  
Light Protection: Not Required  
Special Handling: Immunalysis Quantisal™ collection device is preferred. Other collection devices are acceptable; however they may affect the reporting limit of the assay. Pour-off containers from non- Immunalysis Quantisal™ collection devices are acceptable. DO NOT FREEZE collection devices.  
Rejection Criteria: Received Room Temperature.  
Stability: Room Temperature: Not Stable  
Refrigerated: 2 day(s)  
Frozen (-20 °C): Undetermined

The listed stability was determined for the Quantisal device with the pad stored inside the device. Additional stability information follows:  
Quantisal device with pad outside the device: Room Temperature = 2 days;  
Refrigerated = 21 days; Frozen = 60 days.  
Intercept device with pad inside the device: Room Temperature = 0 days;  
Refrigerated = 0 days.  
Intercept device with pad outside the device: Room Temperature = 21 days;  
Refrigerated = 30 days; Frozen = 60 days.

#### 5850OF Delta-9 THC Confirmation (Qualitative), Oral Fluid (Saliva) (Forensic)

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.

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Specimen Requirements: 1 mL Oral Fluid (Saliva)  
Transport Temperature: Refrigerated  
Specimen Container: Oral Fluid collection device  
Light Protection: Not Required  
Special Handling: Immunalysis Quantisal™ collection device is preferred. Other collection devices are acceptable; however they may affect the reporting limit of the assay. Pour-off containers from non- Immunalysis Quantisal™ collection devices are acceptable. DO NOT FREEZE collection devices.  
Rejection Criteria: Received Room Temperature.



## Test Updates

### Test Changes

Stability: Room Temperature: Not Stable  
Refrigerated: 2 day(s)  
Frozen (-20 °C): Undetermined

The listed stability was determined for the Quantisal device with the pad stored inside the device. Additional stability information follows:

Quantisal device with pad outside the device: Room Temperature = 2 days;  
Refrigerated = 21 days; Frozen = 60 days.

Intercept device with pad inside the device: Room Temperature = 0 days;  
Refrigerated = 0 days.

Intercept device with pad outside the device: Room Temperature = 21 days;  
Refrigerated = 30 days; Frozen = 60 days.

#### 88970F Drugs of Abuse (7 Panel) (Qualitative), Oral Fluid (Saliva)

Summary of Changes: Specimen Requirements (Special Handling) were changed.  
Specimen Requirements (Rejection Criteria) were changed.  
Stability was changed.

Specimen Requirements: 3 mL Oral Fluid (Saliva)

Transport Temperature: Refrigerated

Specimen Container: Oral Fluid collection device

Light Protection: Not Required

Special Handling: Immunalysis Quantisal<sup>TM</sup> collection device is preferred. Other collection devices are acceptable; however they may affect the reporting limit of the assay. Pour-off containers from non- Immunalysis Quantisal<sup>TM</sup> collection devices are acceptable. DO NOT FREEZE collection devices.

Rejection Criteria: None

Stability: Room Temperature: Undetermined  
Refrigerated: 2 day(s)  
Frozen (-20 °C): Undetermined

The listed stability was determined for the Quantisal device with the pad stored inside the device. Additional stability information follows:

Quantisal device with pad outside the device: Room Temperature = 2 days;  
Refrigerated = 21 days; Frozen = 60 days.

Intercept device with pad inside the device: Room Temperature = 0 days;  
Refrigerated = 0 days.

Intercept device with pad outside the device: Room Temperature = 21 days;  
Refrigerated = 30 days; Frozen = 60 days.

#### 8103B Environmental Exposure Screen, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.  
Propane, Isobutane, n-Butane, Methane and Ethane were added.  
Hydrocarbon Gases was removed.



## Test Updates

### Test Changes

Scope of Analysis: LC-MS/MS (80307): Cyanide  
 Method (CPT Code) Colorimetry (80307): Bromides  
 Headspace GC (80307): Ethanol, Blood Alcohol Concentration (BAC), Methanol, Isopropanol, Acetone  
 ICP/MS (83655): Lead  
 ICP/MS (82175): Arsenic  
 ICP/MS (84255): Selenium  
 ICP/MS (83018): Thallium  
 ICP/MS (83825): Mercury  
 GC (83921): Trichloroacetic Acid  
 Headspace GC (84600): Volatiles  
 GC (84600): Methane, Ethane, Propane, Isobutane, n-Butane  
 GC (84600): Halocarbons  
 ICP/MS (83018): Bismuth  
 ICP/MS (83018): Antimony  
 EZA (82480): Cholinesterase  
 SP (80307): Carboxyhemoglobin  
 SP (83050, 83060): Methemoglobin, Sulfhemoglobin

Compound Name	Units	Reference Comment
Methane	ppm (v/v)	
Ethane	ppm (v/v)	
Propane	ppm (v/v)	
Isobutane	ppm (v/v)	
n-Butane	ppm (v/v)	

#### 2308SP Hydralazine, Serum/Plasma

Summary of Changes: Specimen Requirements (Transport Temperature) were changed.  
 Specimen Requirements (Specimen Container) were changed.  
 Specimen Requirements (Rejection Criteria) were changed.  
 Stability was changed.

Specimen Requirements: 5 mL Serum or Plasma  
 Transport Temperature: Frozen  
 Specimen Container: Plastic container (preservative-free)  
 Light Protection: Not Required  
 Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.  
 Rejection Criteria: Received Room Temperature. Received Refrigerated. Polymer gel separation tube (SST or PST).  
 Stability: Room Temperature: Not Stable  
 Refrigerated: Not Stable  
 Frozen (-20 °C): 7 month(s)

#### 2321B Hydrocarbon and Oxygenated Volatiles Panel, Blood

Summary of Changes: Reference Comment was changed.





## Test Updates

### Test Changes

Scope of Analysis: Headspace GC (84600): Benzene, Ethylbenzene, Styrene, Toluene, Xylenes (o,m,p), n-Heptane, n-Hexane, Methylpentanes (2- and 3- Isomers), Pentane, n-Butanol, Ethanol, Isopropanol, n-Propanol, Methanol, Acetaldehyde, Acetone, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Methyl n-Butyl Ketone, Ethyl Acetate, Diethyl Ether, Methyl Acrylate, Methyl Tertiary Butyl Ether

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

#### 2417B Inhalant Intoxicants Profile, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: SP (80307): Carboxyhemoglobin  
Method (CPT Code) Headspace GC (84600): Benzene, Toluene, Xylene, Acetone, Ethyl Acetate, Methyl Ethyl Ketone, Iso-Amyl Alcohol, n-Amyl Alcohol, Isobutanol, n-Butanol, Cyclopropane, Ethyl Ether, Chloromethane, Dichloromethane, Chloroform, Carbon Tetrachloride, Chloroethane, Dichloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, Trichlorofluoromethane, Dichlorodifluoromethane, Trichlorotrifluoroethane, Methanol, Ethanol, Isopropanol

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

#### 2408B Inhalants Panel, Blood (CSA)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): n-Butanol, Isobutanol, Sec-Butanol, Tert-Butanol, n-Amyl Alcohol, Iso-Amyl Alcohol, Benzene, Ethylbenzene, Styrene, Toluene, Xylenes (o,m,p), n-Heptane, n-Hexane, Methylpentanes (2- and 3- Isomers), Pentane, n-Butanol, Ethanol, Isopropanol, n-Propanol, Methanol, Acetaldehyde, Acetone, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Methyl n-Butyl Ketone, Ethyl Acetate, Diethyl Ether, Methyl Acrylate, Methyl Tertiary Butyl Ether  
GC (84600): Cyclopropane

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

#### 2415B Inhalants Panel, Blood

Summary of Changes: Reference Comment was changed.



# Test Updates

## Test Changes

Scope of Analysis: Headspace GC (84600): Benzene, Toluene, Xylene, Acetone, Ethyl Acetate, Methyl Ethyl Ketone, Iso-Amyl Alcohol, n-Amyl Alcohol, Isobutanol, n-Butanol, Cyclopropane, Ethyl Ether, Chloromethane, Dichloromethane, Chloroform, Carbon Tetrachloride, Chloroethane, Dichloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, Trichlorofluoromethane, Dichlorodifluoromethane, Trichlorotrifluoroethane, Methanol, Ethanol, Isopropanol

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

### 2413B Inhalants Panel, Solvents and Gases, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): Acetone, n-Butanol, Amyl Alcohol, Isobutanol, Iso-Amyl Alcohol, Benzene, Ethanol, Ethyl Acetate, Ethyl Ether, Heptane, Hexane, Isopropanol, Methanol, Methyl Ethyl Ketone, Pentane, Styrene, Toluene, o-Xylene, m-Xylene, p-Xylene  
GC (84600): Methane, Ethane, Propane, Isobutane, n-Butane

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

### 2411B Inhalants Panel, Solvents, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): Acetone, n-Butanol, Amyl Alcohol, Isobutanol, Iso-Amyl Alcohol, Benzene, Ethanol, Ethyl Acetate, Ethyl Ether, Heptane, Hexane, Isopropanol, Methanol, Methyl Ethyl Ketone, Pentane, Styrene, Toluene, o-Xylene, m-Xylene, p-Xylene

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

### 7650SP Sex Hormone Binding Globulin (SHBG), Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: Undetermined  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 2 month(s)

### 0871B Solvent Exposure Profile, Blood



# Test Updates

## Test Changes

Summary of Changes: Reference Comment was changed.

Scope of Analysis: GC (82441): Trichloroethanol  
Method (CPT Code) Headspace GC (84600): Benzene, Toluene, o-Xylene, p-Xylene, m-Xylene, Ethylbenzene, Styrene  
GC (82441): Carbon Tetrachloride, 1,1,1-Trichloroethane, Trichloroethylene, Tetrachloroethylene

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

### 7612SP Testosterone, Free (CSA), Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 15 day(s)  
Refrigerated: 15 day(s)  
Frozen (-20 °C): 15 day(s)

### 7610SP Testosterone, Free and Total (CSA), Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: Undetermined  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 15 day(s)

### 7601SP Testosterone, Free and Total, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 15 day(s)  
Refrigerated: 15 day(s)  
Frozen (-20 °C): 15 day(s)

### 7613SP Testosterone, Free, Total and Bioavailable (CSA), Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: Undetermined  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 15 day(s)

### 7614SP Testosterone, Free, Total and Bioavailable (CSA), Serum/Plasma

Summary of Changes: Stability was changed.



# Test Updates

## Test Changes

Stability: Room Temperature: Undetermined  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 15 day(s)

### 7602SP Testosterone, Free, Total and Bioavailable, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: Undetermined  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 15 day(s)

### 7603SP Testosterone, Total and Bioavailable, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: Undetermined  
Refrigerated: 7 day(s)  
Frozen (-20 °C): 15 day(s)

### 7600SP Testosterone, Total, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 15 day(s)  
Refrigerated: 15 day(s)  
Frozen (-20 °C): 15 day(s)

### 4510B Toluene, Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: Headspace GC (84600): Toluene  
Method (CPT Code)

Compound Name	Units	Reference Comment
Toluene	mcg/mL	Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.

### 10008SP Vitamin K, Serum/Plasma (CSA)

Summary of Changes: Stability was changed.

Stability: Room Temperature: Not Stable  
Refrigerated: 3 day(s)  
Frozen (-20 °C): 12 month(s)

### 3135SP Vitamin K, Serum/Plasma

Summary of Changes: Stability was changed.



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### Test Changes

Stability: Room Temperature: Not Stable  
Refrigerated: 3 day(s)  
Frozen (-20 °C): 12 month(s)



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## Test Updates

### Discontinued Tests

Test Code	Test Name	Alternative Test
0652SP	Biphenyl, Serum/Plasma	No Alternate Tests Available
0652U	Biphenyl, Urine	No Alternate Tests Available
1043LI	Chloramine, Liquid	No Alternate Tests Available
1085LI	Chlorine - Free, Liquid	No Alternate Tests Available
2308B	Hydralazine, Blood	No Alternate Tests Available
2308U	Hydralazine, Urine	No Alternate Tests Available
3122U	Naphthalene and Metabolite, Urine	No Alternate Tests Available
9327SP	Propane, Serum/Plasma	No Alternate Tests Available
4510SP	Toluene, Serum/Plasma	4510B - Toluene, Blood