



December 29, 2006

Dear Valued Client:

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled the enclosed packet of important changes regarding a number of tests we perform. Listed below are the types of changes included in this packet.

Type of Change	Explanation
New Tests	Tests recently added to the NMS Labs test menu
Test Changes	Tests that have had changes to their method/CPT code, units of measurement, scope of analysis or specimen requirements
Reference Comment	Tests that have had changes to the reference comment

Please be advised that the new tests listed are available immediately. All other changes listed in this packet will go into effect on **April 2, 2007**. Please use this packet of 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 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 these changes.

Sincerely,

NMS Labs

Database Changes - Summary

Test Code	Test Name	New Test	Method	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
0457U	Aromatic Solvents Panel, Urine							.	
1352U	o-Cresol, Urine				.			.	
2079TI	Fentanyl and Metabolite, Tissue							.	
2139B	Petroleum Distillates Panel, Blood				.				
2139FL	Petroleum Distillates Panel, Fluid				.				
2139SP	Petroleum Distillates Panel, Serum/Plasma				.				
2139TI	Petroleum Distillates Panel, Tissue				.				
4511U	Toluene Biouptake Survey, Urine				.			.	
4513U	Toluene Exposure, Urine				.			.	
5133U	Ethyl Glucuronide Confirmation, Urine							.	
5447B	Amobarbital Confirmation, Blood							.	
5902H	PCP Confirmation, Hair (Forensic)		.						
5903H	Amphetamines Confirmation, Hair (Forensic)				.				
5904H	Barbiturates Confirmation, Hair (Forensic)		.						
5905H	Benzodiazepines Confirmation, Hair (Forensic)		.						
5906H	GC/MS Confirmation, Hair (Forensic)		.		.				
6921H	Barbiturates, Hair (Forensic)		.						
6923H	Opiates, Hair (Forensic)		.					.	
6925H	Phencyclidine, Hair (Forensic)		.						
6926H	LSD Screen, Hair (Forensic)		.						
6945H	Drug Screen 5, Hair (Forensic)		.						
9188B	Ketamine and Metabolite Screen, Blood		.			.			
9188FL	Ketamine and Metabolite Screen, Fluid		.			.			
9188SP	Ketamine and Metabolite Screen, Serum/Plasma		.			.			
9188TI	Ketamine and Metabolite Screen, Tissue		.						
9188U	Ketamine and Metabolite Screen, Urine		.			.			
9362U	Ethyl Glucuronide Screen, Urine							.	
9406B	Amobarbital Screen, Blood							.	

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Changes effective:
April 2, 2007

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TEST CHANGES

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

Test Code	Test Name	Unit	Method / CPT Code
5903H	<p>Amphetamines Confirmation, Hair (Forensic)</p> <ul style="list-style-type: none"> Methamphetamine Amphetamine Benzphetamine Chlorphentermine Ephedrine/Pseudoephedrine Mephentermine Methylenedioxyamphetamine Methylenedioxymethamphetamine Phendimetrazine Phenmetrazine Phentermine Phenylpropanolamine/Norpseudoephedrine <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Phenylpropanolamine was removed. Phenylpropanolamine/Norpseudoephedrine was added.</p>		GC & GC/MS (82145)
6921H	<p>Barbiturates, Hair (Forensic)</p> <ul style="list-style-type: none"> Butabarbital Butalbital Amobarbital Pentobarbital Secobarbital Mephobarbital Phenobarbital Hair length <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.</p>		GC/MS and ELISA (83922+ 80101)

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

Test Code	Test Name	Unit	Method / CPT Code
5904H	Barbiturates Confirmation, Hair (Forensic) Butabarbital Butalbital Amobarbital Pentobarbital Secobarbital Mephobarbital Phenobarbital Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		GC/MS (82205)
5905H	Benzodiazepines Confirmation, Hair (Forensic) Desalkylflurazepam Nordiazepam Oxazepam Lorazepam Diazepam Hydroxyethylflurazepam Temazepam Chlordiazepoxide Midazolam Flurazepam Alpha-Hydroxyalprazolam Alprazolam Hydroxytriazolam Triazolam Estazolam Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		GC/MS (80154)
6945H	Drug Screen 5, Hair (Forensic) Cocaine/Metabolites Opiates Phencyclidine Amphetamines Barbiturates Benzodiazepines Hair Length GC/MS Hair Drug Screen Summary of Changes: For Quality Improvement purposes the following changes were made. GC Hair Drug Screen was removed. GC/MS Hair Drug Screen was added.	ng/g	GC/MS (80103 + 80100)

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

Test Code	Test Name	Unit	Method / CPT Code
5906H	GC/MS Confirmation, Hair (Forensic) GC/MS Hair Drug Screen		GC/MS (80103 + 80100)
	Summary of Changes: For Quality Improvement purposes the following changes were made. GC Hair Drug Screen was removed. GC/MS Hair Drug Screen was added. Test Name was changed.		
9188B	Ketamine and Metabolite Screen, Blood Ketamine Norketamine		GC/MS (80100)
	Specimen Requirements: 4 mL Blood Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Specimen Requirements were changed.		
9188FL	Ketamine and Metabolite Screen, Fluid Ketamine Norketamine		GC/MS (80100)
	Specimen Requirements: 4 mL Fluid Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Specimen Requirements were changed.		
9188SP	Ketamine and Metabolite Screen, Serum/Plasma Ketamine Norketamine		GC/MS (80100)
	Specimen Requirements: 4 mL Serum or Plasma Collection Notes The use of serum separator tubes is not acceptable. Submission of a serum separator tube will result in cancellation. Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Specimen Requirements were changed.		
9188TI	Ketamine and Metabolite Screen, Tissue Ketamine Norketamine		GC/MS (80100)
	Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		

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Test Code	Test Name	Unit	Method / CPT Code
9188U	Ketamine and Metabolite Screen, Urine Ketamine Norketamine Specimen Requirements: 4 mL Urine Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Specimen Requirements were changed.		GC/MS (80100)
6926H	LSD Screen, Hair (Forensic) LSD Hair Length Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		IA and LC/MS/MS (80101+ 82542)
6923H	Opiates, Hair (Forensic) Dihydrocodeine/Hydrocodol Oxycodone 6-Monoacetylmorphine Codeine Hydrocodone Hydromorphone Morphine Oxymorphone Hair Length Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		GC/MS and ELISA (83922+ 80101)
5902H	PCP Confirmation, Hair (Forensic) Phencyclidine Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		GC/MS (83922)

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TEST CHANGES

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

Test Code	Test Name	Unit	Method / CPT Code
2139B	Petroleum Distillates Panel, Blood Hydrocarbons, C1 through C7 Hydrocarbons, C9 through C32 Summary of Changes: For Quality Improvement purposes the following changes were made. Hydrocarbons was deleted. Hydrocarbons, C1 through C7 and Hydrocarbons, C9 through C32 were added.		GC (82492)
2139FL	Petroleum Distillates Panel, Fluid Hydrocarbons, C1 through C7 Hydrocarbons, C9 through C32 Summary of Changes: For Quality Improvement purposes the following changes were made. Hydrocarbons was deleted. Hydrocarbons, C1 through C7 and Hydrocarbons, C9 through C32 were added.		GC (82492)
2139SP	Petroleum Distillates Panel, Serum/Plasma Hydrocarbons, C1 through C7 Hydrocarbons, C9 through C32 Summary of Changes: For Quality Improvement purposes the following changes were made. Hydrocarbons was deleted. Hydrocarbons, C1 through C7 and Hydrocarbons, C9 through C32 were added.		GC (82492)
2139TI	Petroleum Distillates Panel, Tissue Hydrocarbons, C1 through C7 Hydrocarbons, C9 through C32 Summary of Changes: For Quality Improvement purposes the following changes were made. Hydrocarbons was deleted. Hydrocarbons, C1 through C7 and Hydrocarbons, C9 through C32 were added.		GC (82492)
6925H	Phencyclidine, Hair (Forensic) Phencyclidine Hair length Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed.		GC/MS and ELISA (83922+ 80101)

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
9406B	Amobarbital Screen, Blood <ul style="list-style-type: none"> Amobarbital 	Usual range for sedation: 1-5 mcg/mL. Toxic: Greater than 10 mcg/mL.
5447B	Amobarbital Confirmation, Blood <ul style="list-style-type: none"> Amobarbital 	Usual range for sedation: 1-5 mcg/mL. Toxic: Greater than 10 mcg/mL.
0457U	Aromatic Solvents Panel, Urine <ul style="list-style-type: none"> o-Cresol (Creatinine Corrected) 	Reference range: < 0.3 mg o-Cresol/g Creatinine.
9362U	Ethyl Glucuronide Screen, Urine <ul style="list-style-type: none"> Ethyl Glucuronide 	Consumption of 20 to 33 fl. oz. of beer: (4.2% w/v) resulted in urinary Ethyl Glucuronide concentrations of 22,000 to 67,000 ng/mL at 3 hours. Ethyl Glucuronide can be routinely quantified in urine for about 20 hours after a single drink of an ethanol-containing beverage. However, it is reported that the compound can be detected in urine for up to 80 hours after heavy ethanol consumption.
5133U	Ethyl Glucuronide Confirmation, Urine <ul style="list-style-type: none"> Ethyl Glucuronide 	Consumption of 20 to 33 fl. oz. of beer: (4.2% w/v) resulted in urinary Ethyl Glucuronide concentrations of 22,000 to 67,000 ng/mL at 3 hours. Ethyl Glucuronide can be routinely quantified in urine for about 20 hours after a single drink of an ethanol-containing beverage. However, it is reported that the compound can be detected in urine for up to 80 hours after heavy ethanol consumption.
2079TI	Fentanyl and Metabolite, Tissue <ul style="list-style-type: none"> Norfentanyl 	No reference data available.
1352U	o-Cresol, Urine <ul style="list-style-type: none"> o-Cresol (Creatinine Corrected) 	Reference range: < 0.3 mg o-Cresol/g Creatinine.
6923H	Opiates, Hair (Forensic) Morphine	[The previous reference comment was removed]
4513U	Toluene Exposure, Urine <ul style="list-style-type: none"> o-Cresol (Creatinine Corrected) 	Reference range: < 0.3 mg o-Cresol/g Creatinine.
4511U	Toluene Exposure, Urine <ul style="list-style-type: none"> o-Cresol (Creatinine Corrected) 	Reference range: < 0.3 mg o-Cresol/g Creatinine.