Effective Date: Tuesday, February 15, 2011



### **New Tests and 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 Tuesday, February 15, 2011

New Tests - Tests recently added to the NMS Labs test menu. New Tests are effective immediately.

**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.

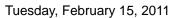
Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

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.



Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
9305U	Anabolic Steroids Screen, Urine						•			
52200U	Androstenedione Confirmation (Qualitative), Urine									•
0788SP	Azathioprine as Metabolite, Serum/Plasma	•								
2090FL	Fluoride, Fluid									•
2090SP	Fluoride, Serum/Plasma				•					
2090TI	Fluoride, Tissue									•
2660FL	Mercaptopurine, Fluid			•	•					
2660SP	Mercaptopurine, Serum/Plasma			•	•	•				





#### **New Tests**

0788SP Azathioprine as Metabolite, Serum/Plasma Effective Immediately

Scope of Analysis: Mercaptopurine [LC-MS/MS]

Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Therapeutic Drug Monitoring

Category: Antineoplastic

Specimen Requirements: 1 mL Serum or Plasma

Minimum Volume: 0.4 mL

Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved

guidelines.

Specimen Container: Plastic container (preservative-free)

Transport Temperature: Refrigerated
Light Protection: Not Required

Rejection Criteria: Polymer gel separation tube (SST or PST).

Stability: Room Temperature: 7 day(s) Refrigerated: 21 day(s) Frozen (-20 °C): 2 month(s)

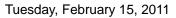
Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Monday 3 days (after set-up)

CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment		
Mercaptopurine Imuran®	ng/mL	10	Mercaptopurine can be administered as a drug (anti-neoplastic) and it is also a metabolite of Azathioprine (immunosuppressive).		
			Oral regimen of 50 to 100 mg Azathioprine/day: 50 - 80 ng Mercaptopurine/mL at 1 hour post dose (peak).		





#### **Test Changes**

9305U Anabolic Steroids Screen, Urine

Summary of Changes: Scope of Analysis was changed.

Androstenedione was removed.

Scope of Analysis: LC-MS/MS (80100): Bolasterone, Boldenone, Clostebol, Clostebol Metabolite,

Method (CPT Code) Clenbuterol, Drostanolone Metabolite, Norethandrolone, Fluoxymesterone, Methandienone, Methandienone Metabolite, Methenolone, Methyltestosterone,

Nandrolone, Nandrolone Metabolite, Norandrostenedione, Norethandrolone Metabolite, Norethindrone, Oxandrolone, Oxymetholone Metabolite, Probenecid, Stanozolol, Stanozolol Metabolite, Turinabol, Tetrahydrogestrinone, Trenbolone Metabolite, Testosterone, Epitestosterone, Testosterone/Epitestosterone Ratio

Colorimetry (82570): Creatinine

2090SP Fluoride, Serum/Plasma

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 2 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Lavender top tube (EDTA)

Light Protection: Not Required

Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial

using approved guidelines.

Rejection Criteria: Gray top tube (Sodium Fluoride / Potassium Oxalate). Polymer gel separation tube

(SST or PST).

2660FL Mercaptopurine, Fluid

Summary of Changes: Specimen Requirements were changed.

Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 3 mL Fluid
Transport Temperature: Frozen

Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of

specific specimen collection containers for this test.

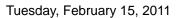
Light Protection: Not Required

Special Handling: None Rejection Criteria: None

Scope of Analysis: LC-MS/MS (83789): Mercaptopurine

Method (CPT Code)

2660SP Mercaptopurine, Serum/Plasma





#### **Test Changes**

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements (Transport Temperature) were changed.

Stability was changed.

Methods/CPT Codes were changed [LC-MS/MS (83789)]

Specimen Requirements: 1 mL Serum or Plasma

Transport Temperature: Refrigerated

Specimen Container: Plastic container (preservative-free)

Light Protection: Not Required

Special Handling: Serum: Collect sample in Red top tube

Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.

Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial

using approved guidelines.

Rejection Criteria: Polymer gel separation tube (SST or PST).

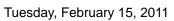
Stability: Room Temperature: 7 day(s)

Refrigerated: 21 day(s) Frozen (-20 °C): 2 month(s)

Scope of Analysis: LC-MS/MS (83789): Mercaptopurine

Method (CPT Code)

Effective Date:





# **New Tests and Test Updates**

#### **Discontinued Tests**

Test Code	Test Name	Alternative Test
52200U	Androstenedione Confirmation (Qualitative), Urine	No Alternate Tests Available
2090FL	Fluoride, Fluid	No Alternate Tests Available
2090TI	Fluoride, Tissue	No Alternate Tests Available