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

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**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.

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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.

NMS LABS
3701 Welsh Road
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www.NMSLabs.com

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# New Tests and Test Updates

| 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 | | | • | • | • | | | | |

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# New Tests and Test Updates

## 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)<br>Refrigerated: 21 day(s)<br>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<br>Imuran® | ng/mL | 10 | Mercaptopurine can be administered as a drug (anti-neoplastic) and it is also a metabolite of Azathioprine (immunosuppressive).<br><br>Oral regimen of 50 to 100 mg Azathioprine/day: 50 - 80 ng Mercaptopurine/mL at 1 hour post dose (peak). |

# New Tests and Test Updates

## Test Changes

**9305U Anabolic Steroids Screen, Urine**

| | |
|---|---|
| Summary of Changes: | Scope of Analysis was changed.<br>Androstenedione was removed. |
| Scope of Analysis:<br>Method (CPT Code) | LC-MS/MS (80100): Bolasterone, Boldenone, Clostebol, Clostebol Metabolite, 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<br>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.<br>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:<br>Method (CPT Code) | LC-MS/MS (83789): Mercaptopurine |

**2660SP Mercaptopurine, Serum/Plasma**

# New Tests and Test Updates

## Test Changes

| | |
|---|---|
| Summary of Changes: | Specimen Requirements were changed.<br>Specimen Requirements (Transport Temperature) were changed.<br>Stability was changed.<br>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<br>Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.<br>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)<br>Refrigerated: 21 day(s)<br>Frozen (-20 °C): 2 month(s) |
| Scope of Analysis: Method (CPT Code) | LC-MS/MS (83789): Mercaptopurine |

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# 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 |