



NATIONAL MEDICAL SERVICES

April 28, 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.

| Category | Type of Change   |
|----------|--|
| I.       | Tests that have had changes to their method/CPT code, units of measurement, scope of analysis or specimen requirements |
| II.      | Tests that have been discontinued  |
| III.     | Tests that have had changes to their reference comment   |

Please be advised that the changes listed in this packet will go into effect on **August 7, 2006**. Please use this packet of information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

We apologize if this causes you any inconvenience. 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 National Medical Services and your assistance in implementing these changes.

Sincerely,

National Medical Services, Inc.

### Database Changes - Summary

**Categories:**

- I: Method/CPT Code, Units, Scope of Analysis and Specimen Requirements
- II: Deleted tests
- III: Reference comment changes

| Test Code | Test Name   | Category |    |     |
|-----------|---|----------|----|-----|
|           |   | I        | II | III |
| 2072U     | Ethyl Glucuronide Retest, Urine                               |          |    | •   |
| 2241U     | Heavy Metals, Urine   | •        |    |     |
| 2242U     | Heavy Metals, Urine   | •        |    |     |
| 2243U     | Heavy Metals, Urine   | •        |    |     |
| 2661U     | Metals/Metalloids Panel 1, Urine                              | •        |    |     |
| 4177SP    | SIDS Screen, Serum/Plasma (Forensic)                          |          | •  |     |
| 4187SP    | SIDS Screen, Serum/Plasma (Forensic)                          |          | •  |     |
| 5129U     | Ethyl Glucuronide Confirmation, Urine                         |          |    | •   |
| 5131U     | Ethyl Glucuronide Confirmation, Urine                         |          |    | •   |
| 5241SP    | Cyanide Quantitation/Confirmation, Serum/Plasma (Forensic)    |          | •  |     |
| 5654SP    | Carbon Monoxide Exposure Biouptake Confirmation, Serum/Plasma |          | •  |     |
| 6155R     | Metals Panel, RBCs  |          | •  |     |
| 8099SP    | Therapeutic and Abused Drugs Screen, Serum/Plasma (Forensic)  |          | •  |     |
| 9360U     | Ethyl Glucuronide Screen, Urine                               |          |    | •   |
| 9361U     | Ethyl Glucuronide Screen, Urine                               |          |    | •   |

Changes effective:  
August 7, 2006

**National Medical Services**  
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**TEST CHANGES – CATEGORY I**

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

| Test Code | Test Name  | Method/CPT Code Changes | Unit Changes |
|-----------|--|-------------------------|--------------|
| 2241U     | <b>Heavy Metals, Urine</b><br>Scope of Analysis: Creatinine, Lead, Lead (Creatinine corrected), Arsenic, Arsenic (Creatinine corrected), Strontium, Mercury, Mercury (Creatinine corrected), Chromium, Chromium (Creatinine corrected) |                         |              |
| 2242U     | <b>Heavy Metals, Urine</b><br>Scope of Analysis: Creatinine, Bismuth, Arsenic, Arsenic (Creatinine corrected), Selenium, Selenium (Creatinine corrected), Tellurium, Mercury, Mercury (Creatinine corrected)                           |                         |              |
| 2243U     | <b>Heavy Metals, Urine</b><br>Scope of Analysis: Creatinine, Bismuth, Arsenic, Arsenic (Creatinine corrected), Antimony, Antimony (Creatinine corrected), Mercury, Mercury (Creatinine corrected)                                      |                         |              |
| 2661U     | <b>Metals/Metalloids Panel 1, Urine</b><br>Scope of Analysis: Creatinine, Arsenic, Arsenic (Creatinine corrected), Lead, Lead (Creatinine corrected), Mercury, Mercury (Creatinine corrected)  |                         |              |

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## DISCONTINUED TESTS – CATEGORY II

| Test Code | Test Name   | Alternative Test                             |
|-----------|---|--|
| 6155R     | Metals Panel, RBCs  | 6365R Inorganic Panel 65, RBCs               |
| 4177SP    | SIDS Screen, Serum/Plasma (Forensic)                          | No alternate test available for this matrix. |
| 4187SP    | SIDS Screen, Serum/Plasma (Forensic)                          | No alternate test available for this matrix. |
| 5241SP    | Cyanide Quantitation/Confirmation, Serum/Plasma (Forensic)    | No alternate test available for this matrix. |
| 5654SP    | Carbon Monoxide Exposure Biouptake Confirmation, Serum/Plasma | No alternate test available for this matrix. |
| 8099SP    | Therapeutic and Abused Drugs Screen, Serum/Plasma (Forensic)  | No alternate test available for this matrix. |

## REFERENCE COMMENT CHANGES – CATEGORY III

| Test Code | Test Name / Compound   | New Reference Comment   |
|-----------|--|---|
| 5129U     | <b>Ethyl Glucuronide Confirmation, Urine</b> <ul style="list-style-type: none"> <li>Ethyl Glucuronide</li> </ul> | <p>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.</p> <p>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.</p> |
| 5131U     | <b>Ethyl Glucuronide Confirmation, Urine</b> <ul style="list-style-type: none"> <li>Ethyl Glucuronide</li> </ul> | <p>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.</p> <p>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.</p> |
| 2072U     | <b>Ethyl Glucuronide Retest, Urine</b> <ul style="list-style-type: none"> <li>Ethyl Glucuronide</li> </ul>       | <p>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.</p> <p>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.</p> |

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**REFERENCE COMMENT CHANGES – CATEGORY III**

| <b>Test Code</b> | <b>Test Name / Compound</b>  | <b>New Reference Comment</b>  |
|------------------|--|---|
| 9360U            | <b>Ethyl Glucuronide Screen, Urine</b> <ul style="list-style-type: none"><li>Ethyl Glucuronide</li></ul> | <p>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.</p> <p>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.</p> |
| 9361U            | <b>Ethyl Glucuronide Screen, Urine</b> <ul style="list-style-type: none"><li>Ethyl Glucuronide</li></ul> | <p>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.</p> <p>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.</p> |