



October 16, 2006

RE: Name Change Notification & Test Update

Dear Valued Client:

Recently National Medical Services updated its name to NMS Labs. As the nation's premier independent provider of professional laboratory testing services this new name more accurately reflects our role as leaders in clinical toxicology, forensic science, research support and other vitally important areas of esoteric testing.

Effective **November 13, 2006**, our new name will be reflected on our laboratory reports and invoices. To assure a smooth change over, please communicate our name change with all appropriate departments within your organization, including, Database Administration, Customer Support, Purchasing and Accounts Payable. Please update any database configuration related to referral lab/referral site name. Our CLIA number and Medical Director have remained the same.

The enclosed data packet details several test codes that require database modifications due to their reporting comments containing our company name. Please use this packet to update your computer systems/records before the November 13th effective date. 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 | SpecReq | Obsolete | Reference Comment | Misc. |
|-----------|--|----------|--------|-------|-------|---------|----------|-------------------|-------|
| 0177LI | Alcohol In Suspected Alcoholic Beverages | | | | | | | • | |
| 0648FL | Methotrexate, Fluid | | | | | | | • | |
| 1033ST | Cathartic Laxatives Profile, Stool | | | | | | | • | |
| 1425B | Cyproheptadine, Blood | | | | | | | • | |
| 1425SP | Cyproheptadine, Serum/Plasma | | | | | | | • | |
| 2076SP | Famciclovir as Metabolite, Serum/Plasma | | | | | | | • | |
| 2435B | Isocarboxazid (as Benzylhydrazine), Blood | | | | | | | • | |
| 2435SP | Isocarboxazid (as Benzylhydrazine), Serum/Plasma | | | | | | | • | |
| 2526B | Leflunomide as Metabolite, Blood | | | | | | | • | |
| 2526SP | Leflunomide as Metabolite, Serum/Plasma | | | | | | | • | |
| 3381SP | Penciclovir, Serum/Plasma | | | | | | | • | |
| 3426B | Perfluorooctanoic Acid, Blood | | | | | | | • | |
| 3426SP | Perfluorooctanoic Acid, Serum/Plasma | | | | | | | • | |
| 3641B | Phenolphthalein, Blood | | | | | | | • | |
| 3641SP | Phenolphthalein, Serum/Plasma | | | | | | | • | |
| 3641ST | Phenolphthalein, Stool | | | | | | | • | |
| 3795B | Pregabalin, Blood | | | | | | | • | |
| 3795SP | Pregabalin, Serum/Plasma | | | | | | | • | |
| 8095B | Rapid Tox Panel II, Blood (Forensic) | | | | | | | • | |

NMS Labs

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REFERENCE COMMENT CHANGES

Replace the existing reference comments with the reference comments listed below.

| Test Code | Test Name / Compound | New Reference Comment | | | | | | | | |
|------------------|---|--|------------------|---------------------------|---------|------------|---------|------------|---------|------------|
| 0177LI | Alcohol In Suspected Alcoholic Beverages <ul style="list-style-type: none"> Ethanol | The result reported is the average of duplicate determinations. This test meets the requirements for testing described in the Pennsylvania court ruling of Commonwealth vs. Tau Kappa Epsilon. NMS Labs is an approved laboratory for alcohol analysis in the Commonwealth of Pennsylvania. | | | | | | | | |
| 1033ST | Cathartic Laxatives Profile, Stool <ul style="list-style-type: none"> Phenolphthalein | Previously reported values by NMS Labs: Up to 200 mcg/g. | | | | | | | | |
| 1425B | Cyproheptadine, Blood <ul style="list-style-type: none"> Cyproheptadine | Antipruritic range: not available. Majority of levels found by NMS Labs: 4 - 25 ng/mL. | | | | | | | | |
| 1425SP | Cyproheptadine, Serum/Plasma <ul style="list-style-type: none"> Cyproheptadine | Antipruritic range: not available. Majority of levels found by NMS Labs: 4 - 25 ng/mL. | | | | | | | | |
| 2076SP | Famciclovir as Metabolite, Serum/Plasma <ul style="list-style-type: none"> Penciclovir | <p>The following are expected Penciclovir concentrations approximately 1 hour after a single oral dose of Famciclovir:</p> <table border="0"> <tr> <td>Famciclovir dose</td> <td>Penciclovir Concentration</td> </tr> <tr> <td>125 mg:</td> <td>0.8 mcg/mL</td> </tr> <tr> <td>250 mg:</td> <td>1.6 mcg/mL</td> </tr> <tr> <td>500 mg:</td> <td>3.3 mcg/mL</td> </tr> </table> | Famciclovir dose | Penciclovir Concentration | 125 mg: | 0.8 mcg/mL | 250 mg: | 1.6 mcg/mL | 500 mg: | 3.3 mcg/mL |
| Famciclovir dose | Penciclovir Concentration | | | | | | | | | |
| 125 mg: | 0.8 mcg/mL | | | | | | | | | |
| 250 mg: | 1.6 mcg/mL | | | | | | | | | |
| 500 mg: | 3.3 mcg/mL | | | | | | | | | |
| 2435B | Isocarboxazid (as Benzylhydrazine), Blood <ul style="list-style-type: none"> Benzylhydrazine | Benzylhydrazine (a MAO inhibitory active metabolite of Isocarboxazid) - approximately 75% of the cases reported by NMS Labs (n = 38) were less than 100ng Benzylhydrazine/mL. | | | | | | | | |
| 2435SP | Isocarboxazid (as Benzylhydrazine), Serum/Plasma <ul style="list-style-type: none"> Benzylhydrazine | Benzylhydrazine (a MAO inhibitory active metabolite of Isocarboxazid) - approximately 75% of the cases reported by NMS Labs (n = 38) were less than 100ng Benzylhydrazine/mL. | | | | | | | | |

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| Test Code | Test Name / Compound | New Reference Comment | | | | | | | | |
|------------------|--|---|------------------|---------------------------|---------|------------|---------|------------|---------|------------|
| 2526B | Leflunomide as Metabolite, Blood <ul style="list-style-type: none"> • Teriflunomide | <p>Women who are being treated with Leflunomide and desire to become pregnant it is recommended that the plasma Teriflunomide levels be less than 20 ng/mL by two separate tests taken at least fourteen (14) days apart.</p> <p>Mean steady state trough plasma concentrations of Teriflunomide from patients on daily regimens of 5, 10 or 25 mg of Leflunomide were 8,800 18,000 and 63,000 ng/mL, respectively.</p> <p>The minimum effective concentration is reported to be 13,000 ng/mL.</p> | | | | | | | | |
| 2526SP | Leflunomide as Metabolite, Serum/Plasma <ul style="list-style-type: none"> • Teriflunomide | <p>Women who are being treated with Leflunomide and desire to become pregnant it is recommended that the plasma Teriflunomide levels be less than 20 ng/mL by two separate tests taken at least fourteen (14) days apart.</p> <p>Mean steady state trough plasma concentrations of Teriflunomide from patients on daily regimens of 5, 10 or 25 mg of Leflunomide were 8,800 18,000 and 63,000 ng/mL, respectively.</p> <p>The minimum effective concentration is reported to be 13,000 ng/mL.</p> | | | | | | | | |
| 0648FL | Methotrexate, Fluid <ul style="list-style-type: none"> • Methotrexate | <p>This assay is not an established NMS Labs test and is performed on a research basis only.</p> | | | | | | | | |
| 3381SP | Penciclovir, Serum/Plasma <ul style="list-style-type: none"> • Penciclovir | <p>Penciclovir, when used properly as a topical agent (Denavir®), will not reach detectable levels in the body.</p> <p>The following are expected Penciclovir concentrations approximately 1 hour after a single oral dose of Famciclovir:</p> <table border="0" data-bbox="808 1612 1382 1738"> <tr> <td>Famciclovir dose</td> <td>Penciclovir Concentration</td> </tr> <tr> <td>125 mg:</td> <td>0.8 mcg/mL</td> </tr> <tr> <td>250 mg:</td> <td>1.6 mcg/mL</td> </tr> <tr> <td>500 mg:</td> <td>3.3 mcg/mL</td> </tr> </table> | Famciclovir dose | Penciclovir Concentration | 125 mg: | 0.8 mcg/mL | 250 mg: | 1.6 mcg/mL | 500 mg: | 3.3 mcg/mL |
| Famciclovir dose | Penciclovir Concentration | | | | | | | | | |
| 125 mg: | 0.8 mcg/mL | | | | | | | | | |
| 250 mg: | 1.6 mcg/mL | | | | | | | | | |
| 500 mg: | 3.3 mcg/mL | | | | | | | | | |

REFERENCE COMMENT CHANGES

Replace the existing reference comments with the reference comments listed below.

| Test Code | Test Name / Compound | New Reference Comment |
|-----------|---|---|
| 3426B | Perfluorooctanoic Acid, Blood <ul style="list-style-type: none"> Perfluorooctanoic Acid | <p>General Population Exposure: Serum concentrations have been reported between 1.9 and 56 ng/mL in children (ages 1 to 12 years old) and adults (ages 20 to 69 years old). Mean = 5.6 ng/mL.</p> <p>Occupational Exposures: Mean serum concentrations from workers exposed at plants that manufacture PFOA or its salts ranged from 840 to 6800 ng/mL. The reported serum range for all workers was 0 to 114000 ng/mL.</p> |
| 3426SP | Perfluorooctanoic Acid, Serum/Plasma <ul style="list-style-type: none"> Methotrexate | <p>General Population Exposure: Serum concentrations have been reported between 1.9 and 56 ng/mL in children (ages 1 to 12 years old) and adults (ages 20 to 69 years old). Mean = 5.6 ng/mL.</p> <p>Occupational Exposures: Mean serum concentrations from workers exposed at plants that manufacture PFOA or its salts ranged from 840 to 6800 ng/mL. The reported serum range for all workers was 0 to 114000 ng/mL.</p> |
| 3641B | Phenolphthalein, Blood <ul style="list-style-type: none"> Phenolphthalein | Concentrations reported by NMS Labs: Up to 200 mcg/mL. |
| 3641SP | Phenolphthalein, Serum/Plasma <ul style="list-style-type: none"> Phenolphthalein | Concentrations reported by NMS Labs: Up to 200 mcg/mL. |
| 3641ST | Phenolphthalein, Stool <ul style="list-style-type: none"> Phenolphthalein | <p>Normally none is detected. Reported levels at NMS Labs for positive specimens: Up to 200 mcg/g.</p> |
| 3795B | Pregabalin, Blood <ul style="list-style-type: none"> Pregabalin | <p>Therapeutic drug concentrations have not been established for any indication at this time. Mean peak plasma concentrations up to 9.5 mcg/mL have been reported approximately 1 hour post-administration of up to 300 mg orally.</p> |

Changes effective:
November 13, 2006

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Replace the existing reference comments with the reference comments listed below.

| Test Code | Test Name / Compound | New Reference Comment |
|-----------|--|---|
| 3795SP | Pregabalin, Serum/Plasma <ul style="list-style-type: none">Pregabalin | Therapeutic drug concentrations have not been established for any indication at this time. Mean peak plasma concentrations up to 9.5 mcg/mL have been reported approximately 1 hour post-administration of up to 300 mg orally. |
| 8095B | Rapid Tox Panel II, Blood (Forensic) <ul style="list-style-type: none">GC and GC/MS Incidental Findings | <p>The following is a general list of compounds included in the GC and GC/MS Screen. Please note that not all known compounds included in each specified class or heading are included, and other compounds outside these classes are included in the scope of testing. The detection of any particular compound is concentration-dependent. For a detailed list of all compounds included in this screen, please contact NMS Labs.</p> <p>Scope of Analysis: Analgesics (Opioid and non-Opioid), Anesthetics, Antiasthmatic Agents, Anticholinergic Agents, Anticonvulsant Agents, Antidepressants, Antiemetic Agents, Antihistamines, Antiparkinsonian Agents, Antipsychotic Agents, Antitussive Agents, Anxiolytics (Benzodiazepines and others), Cardiovascular Agents (non-Digitalis), Hallucinogens, Hypnotosedatives (Barbiturate and others), Muscle relaxants, non-Steroidal Anti-Inflammatory Agents (excluding Salicylate) and Stimulants (Amphetamine-like and others).</p> |