



November 24, 2008

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
Reference Comment	Tests that have had changes to the reference comment

Please be advised all changes listed in this packet will go into effect on **March 2, 2009**. 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**

<b>Test Code</b>	<b>Test Name</b>	<b>New Test</b>	<b>Method</b>	<b>Units</b>	<b>Scope</b>	<b>Specimen Reqs</b>	<b>Discontinued</b>	<b>Reference Comment</b>	<b>Misc.</b>
1272B	Citalopram, Blood							.	
1272FL	Citalopram, Fluid							.	
1272SP	Citalopram, Serum/Plasma							.	
1272TI	Citalopram, Tissue							.	
1272U	Citalopram, Urine							.	
1284U	Citalopram Screen, Urine (CSA)							.	
1965B	Escitalopram, Blood							.	
1965FL	Escitalopram, Fluid							.	
1965SP	Escitalopram, Serum/Plasma							.	
1965TI	Escitalopram, Tissue							.	
1965U	Escitalopram, Urine							.	
5139U	Citalopram Confirmation, Urine (Study)							.	
5146U	Citalopram Confirmation, Urine (CSA)							.	
9524U	Antidepressants Panel, Urine (CSA)							.	
9525U	Antidepressant Panel, Urine (Study)							.	
9530U	Antidepressant Screen, Urine (CSA)							.	

**NMS Labs**

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

**REFERENCE COMMENT CHANGES**

<b>Test Code</b>	<b>Test Name / Compound</b>	<b>New Reference Comment</b>
9525U	<b>Antidepressant Panel, Urine (Study)</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
9530U	<b>Antidepressant Screen, Urine (CSA)</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
9524U	<b>Antidepressants Panel, Urine (CSA)</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
5146U	<b>Citalopram Confirmation, Urine (CSA)</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
5139U	<b>Citalopram Confirmation, Urine (Study)</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
1284U	<b>Citalopram Screen, Urine (CSA)</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>

**REFERENCE COMMENT CHANGES**

<b>Test Code</b>	<b>Test Name / Compound</b>	<b>New Reference Comment</b>
1272B	<b>Citalopram, Blood</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>Steady-state serum or plasma levels from patients on a daily regimen of 30 to 60 mg Citalopram: 9 - 200 ng/mL.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
1272FL	<b>Citalopram, Fluid</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
1272SP	<b>Citalopram, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>Steady-state serum or plasma levels from patients on a daily regimen of 30 to 60 mg Citalopram: 9 - 200 ng/mL.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
1272TI	<b>Citalopram, Tissue</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
1272U	<b>Citalopram, Urine</b> <ul style="list-style-type: none"> <li>Citalopram</li> </ul>	<p>At steady-state, approximately 23% of an oral dose is excreted into the urine as unchanged drug.</p> <p>This test is not Chiral specific. Patients who have taken Escitalopram (Lexapro®), as opposed to Racemic Citalopram (Celexa®), within the past 3 days may have falsely elevated values.</p>
1965B	<b>Escitalopram, Blood</b> <ul style="list-style-type: none"> <li>Escitalopram</li> </ul>	<p>Steady-state peak plasma levels from patients on regimen of 10 or 30 mg/day: 21 and 64 ng/mL, respectively, and occur at approximately 4 hours post dose.</p> <p>This test is not Chiral specific. Patients who have taken Racemic Citalopram (Celexa®), as opposed to Escitalopram (Lexapro®), within the past 3 days may have falsely elevated values.</p>

Changes effective:  
March 2, 2009

**NMS Labs**  
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800-522-6671  
nms@nmslabs.com



## REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
1965FL	<b>Escitalopram, Fluid</b> <ul style="list-style-type: none"><li>Escitalopram</li></ul>	This test is not Chiral specific. Patients who have taken Racemic Citalopram (Celexa®), as opposed to Escitalopram (Lexapro®), within the past 3 days may have falsely elevated values.
1965SP	<b>Escitalopram, Serum/Plasma</b> <ul style="list-style-type: none"><li>Escitalopram</li></ul>	Steady-state peak plasma levels from patients on regimen of 10 or 30 mg/day: 21 and 64 ng/mL, respectively, and occur at approximately 4 hours post dose.  This test is not Chiral specific. Patients who have taken Racemic Citalopram (Celexa®), as opposed to Escitalopram (Lexapro®), within the past 3 days may have falsely elevated values.
1965TI	<b>Escitalopram, Tissue</b> <ul style="list-style-type: none"><li>Escitalopram</li></ul>	This test is not Chiral specific. Patients who have taken Racemic Citalopram (Celexa®), as opposed to Escitalopram (Lexapro®), within the past 3 days may have falsely elevated values.
1965U	<b>Escitalopram, Urine</b> <ul style="list-style-type: none"><li>Escitalopram</li></ul>	This test is not Chiral specific. Patients who have taken Racemic Citalopram (Celexa®), as opposed to Escitalopram (Lexapro®), within the past 3 days may have falsely elevated values.