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TO: **REFERRING CLIENTS**

FROM: Barb Baltzer, Coordinator
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 Hamilton Regional Laboratory Medicine Program (HRLMP)

DATE: September 27, 2012

SUBJECT: **Test Information Updates**

Please take note of the following updates to the LRC Laboratory Test Information Guide:

Test Name	Changes/Updates
7 Dehydrocholesterol, Amniotic Fluid	7 DHC, Amniotic Fluid: Specimen Requirement: 2 – 3 mL Amniotic Fluid Specimen Handling: State gestational age, must be 14 weeks or greater. Centrifuge and send frozen supernatant. Protect from light (wrap in foil or use amber/opaque container). Store and ship frozen. Interpretative Comments: Descriptive Report. Additional Information: Normal (<1.0 µmol/L) is reported as 'None detected'. Specimens arriving unprotected from light are processed and a comment is appended to the result.

<p>7 Dehydrocholesterol, Plasma/Serum</p>	<p>7 Dehydrocholesterol, Plasma/Serum: Specimen Requirement: 0.5 mL serum or heparin plasma</p> <p>Specimen Handling: Fasting specimen preferred. Protect from light (wrap in foil or use amber/opaque container). Store and ship frozen.</p> <p>Interpretative Comments: Descriptive Report.</p> <p>Additional Information: Normal (<5 µmol/L) is reported as 'None detected'. Specimens arriving unprotected from light are processed and a comment is appended to the result.</p>
<p>Homogentisic Acid, Random Urine</p>	<p>Homogentisic Acid, Random Urine: Specimen Requirement: Orange Top Sterile Container, Random Urine Adult: 2 – 10 mL Pediatric: 0.5 – 2 mL</p> <p>Specimen Handling: Early morning specimen preferred. Store and ship frozen.</p> <p>Additional Information: Qualitative method only.</p>
<p>Methylmalonic Acid, Random Urine</p>	<p>Methylmalonic Acid, Random Urine: Specimen Requirement: Orange Top Sterile Container, Random Urine Adult: 2 – 10 mL Pediatric: 0.5 – 2 mL</p> <p>Specimen Handling: Early morning specimen preferred. Store and ship frozen.</p> <p>TAT: 30 days</p> <p>Additional Information: Qualitative method only. This is the same laboratory analysis procedure as Urine Organic Acids. An additional interpretive comment as to MMA status is included.</p>
<p>Organic Acids, Random Urine</p>	<p>Organic Acids, Random Urine: Specimen Requirement: Orange Top Sterile Container, Random Urine Adult: 2 – 10 mL Pediatric: 0.5 – 2 mL</p> <p>Additional Information: Qualitative method only.</p>

Procainamide / N-Acetylprocainamide	Procainamide / N-Acetylprocainamide: Revised Toxic Ranges: N-Acetylprocainamide: Therapeutic: 22 – 72 µmol/L Toxic: > 90 µmol/L Risk of toxicity is increased when the sum of Procainamide and NAPA exceeds 90 – 125 µmol/L Procainamide: Therapeutic: 17 – 42 µmol/L Toxic: > 42 µmol/L
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If you have further questions, please contact our Customer Service at 905-577-1477.

The on-line LRC Laboratory Test Information Guide is available at: www.lrc.hrlmp.ca