

Orotic Acid, Random, Urine

Test ID: OROT

Explanation: On the effective date, the OROT (Orotic Acid, Random, Urine) test will be updated as indicated below.

Current Method
Colormetric

New Method
Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

Current Reference Value
<p><2 weeks: 1.4-5.3 mmol/mol creatinine</p> <p>2 weeks-1 year: 1.0-3.2 mmol/mol creatinine</p> <p>2-10 years: 0.5-3.3 mmol/mol creatinine</p> <p>> or =11 years: 0.4-1.2 mmol/mol creatinine</p>

New Reference Value
<p>< or =6 years: < or =4 mmol/mol creatinine</p> <p>7-18 years: < or =3 mmol/mol creatinine</p> <p>> or =19 years: 5 mmol/mol creatinine</p>

Current Specimen Required
<p>Supplies: Urine Tubes, 10 mL (T068)</p> <p>Container/Tube: Plastic, 10-mL urine tube</p> <p>Specimen Volume: 10 mL</p> <p>Collection Instructions:</p> <ol style="list-style-type: none"> 1. Collect a random or timed urine specimen. 2. No preservative needed. <p>Minimum Volume: 3 mL</p>

New Specimen Required
<p>Supplies: Urine Tubes, 10 mL (T068)</p> <p>Container/Tube: Plastic, 10-mL urine tube</p> <p>Specimen Volume: 3 mL</p> <p>Collection Instructions:</p> <ol style="list-style-type: none"> 1. Collect a random urine specimen. 2. No preservative needed. <p>Minimum Volume: 2 mL</p>

Current Necessary Information
<ol style="list-style-type: none"> 1. Patient's age is required. 2. Provide a reason for testing.

New Necessary Information
<p>Patient's age is required.</p>

Current Specimen Stability		
Specimen	Temperature	Time
Urine	Frozen	30 days

New Specimen Stability		
Specimen	Temperature	Time
Urine	Frozen	90 days

Current Report Available
4 to 8 days

New Report Available
3 to 7 days

Questions

Contact Melissa Tricker-Klar, Laboratory Resource Coordinator at 800-533-1710.