

**Memo No.** 2018-002  
**Date:** 05-Jan-2018  
**Memo To:** Clients  
**Re:** Orotic Acid, Urine

**Orotic Acid, Urine**

ICL’s routine testing laboratory for Orotic acid has resumed testing. The methodology has changed from GC-MS to LC-tandem mass spectrometry.

- Minimum sample volume is reduced to 1 mL, with concurrent Orotic Acid and Creatinine analysis
- Sample handling is unchanged – collect random urine in a sterile container. Store and send frozen.

Test	Test Site	Effective date	Price
Orotic Acid, Urine	Hospital for Sick Children	Immediately	No change
Methodology	HL7 Order Code	HL7 Result Code (s)	
LC-MS/MS	OROT	3153 – Orotic Acid 3199 - Creatinine	TAT – no change This test is run once per month
Specimen	Storage/Transport Temperature	Reference Range	
5 mL Random Urine	Frozen	Age Dependant: Over 10 y - Adult: 0.4 - 1.2 Less than 2 wks: 1.4 - 5.3 2 wks - 1 y: 1.0 - 3.2 1 y - 10 y: 0.5 - 3.3	

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