



**Memo No.** 2018-010  
**Date:** 23-Feb-2018  
**Memo To:** Clients  
**Re:** Revised Tests

**Erythropoietin, Serum (New Test Site)**

Erythropoietin service will be discontinued at ICL’s routine reference lab. Specimens or orders received as of 12 March 2018 will be referred to Quest Diagnostics. Please note revised specimen collection and handling instructions, reference values and units. There is no change in price.

**Specimen:** Serum      **Method:** ELISA      **Test Site:** Quest Diagnostics, CA, USA.

**Specimen Handling:** Plasma is not suitable. Avoid hemolysis. To allow for diurnal variation, collect specimens at consistent time of day - between 7:30 a.m. to 12:00 noon is recommended. Store and send frozen. If the patient is receiving recombinant erythropoietin analysis may not be valid and reference ranges are not applicable.

**Stability**    Ambient: 10 Days    Refrigerated: 18 Days    Frozen: 28 Days

**Reference Ranges:**

	Male (mIU/mL)	Female (mIU/mL)
<1 year	Not established	Not established
1-3 years	1.7-17.9	2.1-15.9
4-6 years	3.5-21.9	2.9-8.5
7-9 years	1.0-13.5	2.1-8.2
10-12 years	1.0-14.0	1.1-9.1
13-15 years	2.2-14.4	3.8-20.5
16-18 years	1.5-15.2	2.0-14.2
>18 years	2.6-18.5	2.6-18.5

<b>For HL7 Interfaced Clients:</b>		
<b>REF CODE:</b> EPOQST	<b>RES CODE:</b> 39230 ERYTHROPOIETIN	<b>Units:</b> mIU/ mL

**Want to receive updates by e-mail? Please contact Client Care [info@ICLabs.ca](mailto:info@ICLabs.ca)**

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### **Insulin-Like Growth Factor 1 (IGF1)**

Specimen stability has been revised and the requirement for strict freezing has been removed.

Stability: Ambient 24h; Refrigerated 7 Days; Frozen 1 month

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### **Interleukin 6 & Interleukin 10**

Please note a change in method, specimen requirements and reference values effective immediately for these tests.

**\*\*\* Serum is not an acceptable specimen.**

**Method:** Luminex Immunoassay

**Specimen:** 1 mL Cell-free plasma from Lavender top (EDTA) is the only acceptable specimen type. Separate within one half hour of collection, preferably immediately after collection. Store and send frozen. If the specimen thaws it is unsuitable for analysis. This test uses a kit/reagent designated by the manufacturer as "for research use, not for clinical use."

Pediatric minimum: 500 uL Plasma (EDTA)

**Reference Ranges:**

Interleukin 6, Plasma 0.0 – 11.9 pg/mL

Interleukin 10, Plasma 0.0 – 19.0 pg/mL

**Lab:** Advanced Diagnostic Laboratories, National Jewish Health, Colorado, U.S.

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### **Magnesium, Plasma (Revised)**

Plasma (Li Heparin). Serum is unacceptable.

Collect after a 14 h fast. Draw without stasis. Avoid hemolysis. Separate as soon as possible. Store and send cold.

Reference values have been revised by the addition of age-partitioned Critical Values

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If you have further questions please contact Client Care at (416) 422-3000 Ext. 300 or [info@ICLabs.ca](mailto:info@ICLabs.ca)

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