

# Clinical Pathology Laboratories

## Insulin Change in Instrumentation

*Offering our clients state-of-the-art testing is part of CPL's ongoing commitment to excellence.*

**Effective March 26, 2018**, Clinical Pathology Laboratories will change the current instrumentation for Insulin testing from Siemens Immulite to Roche Cobas e602 using Electrochemiluminescence Immunoassay (ECLIA) technology. As a result of this change, all related reference ranges were reviewed and modified as listed below.

Order Code	Insulin value	Siemens Reference Range $\mu$ IU/mL	Roche Reference Range $\mu$ IU/mL
2760	Random	4-13	2-21
2749	Fasting	4-13	2-21
2756	1/2 hour	12-58	22-133
2757	1 hour	17-46	33-104
2764	1 1/2 hour	15-44	29-99
2758	2 hour	13-42	25-93
2759	3 hour	Not established	Not established
2761	4 hour	Not established	Not established
2762	5 hour	Not established	Not established
2763	6 hour	Not established	Not established

Note: Reference ranges for timed specimens are given presuming a 75 gm oral glucose. The Random reference range presumes standard overnight fast as well.

### Additional Test Information:

<b>Specimen Requirements:</b>	2 mL serum from SST
<b>Specimen Rejection Criteria:</b>	Hemolysis, Allow only 1 Freeze/Thaw Cycle
<b>Transport Temperature:</b>	Refrigerated
<b>Stability (collection to initiation of testing):</b>	24 Hours Room Temperature; 4 Days Refrigerated; 1 Month Frozen
<b>Performed:</b>	Monday through Friday
<b>Analytic Time:</b>	1 Day
<b>Specimen Retention:</b>	1 Week
<b>CPT Code:</b>	83525

Please contact your Account Executive should you have any questions regarding this change.

*Thank you for supporting*

