

LAB143 Beta-HCG, Quantitative

BMC, CRH, LFH, OCH, FTT, FOX

Performing Location(s)

BMC, CRH, LFH, OCH, FTT, FOX

Specimen Type

Serum or Plasma

Preferred Container

Gold or Red Top

Alternate Container

Green Top

Minimum Volume to Submit for Testing

1.0 mL Serum/Plasma

Multiple test can be performed from this volume.

For question please contact the lab at 547-3975.

Storage Requirements

Sample tubes should be centrifuged within 2 hours of collection

Gold tops are stable in original tubes for 7 days DO NOT ALIQUOT

Aliquot Red tops after centrifuging

See Causes of Rejection for temperature requirements.

Transportation Needs

Deliver specimen to laboratory within 1 hour of collection if unspun.

If not possible see "Storage Requirements".

Reasons for Rejection

Mislabeled or Unlabeled Specimen

Less than 50% draw for vacutainer tubes

> 2 days refrigerated

> 8 hours room temperature

> 48 hours frozen

Hemolysis > 500 mg/dL HgB

Lipemia > 3000 mg/dL Trig

Bilirubin > 40 mg/dL Bili

EDTA, Citrate, NaF, Oxalate

Reference Values

<u>Population</u>	<u>Reference Range</u>	<u>Units</u>
Adult Males	0-3	mIU/mL

Non-pregnant females, ages 18-40	0-6	mIU/mL
Non-pregnant females, ages >40	0-6	mIU/mL
Gestational Age		
0.2-1 week	5-50	mIU/mL
1-2 weeks	50-500	mIU/mL
2-3 weeks	100-5,000	mIU/mL
3-4 weeks	500-10,000	mIU/mL
4-5 weeks	1,000-50,000	mIU/mL
5-6 weeks	10,000-100,000	mIU/mL
6-8 weeks	15,000-200,000	mIU/mL
2-3 months	10,000-100,000	mIU/mL
Post-Menopausal females	6-10	mIU/mL

Additional Information

This test should only be used for the assessment of pregnancy.

Methodology

Beckman AU/Dx/Access Series

CPT Code

84702