

CHORIONIC  
GONADOTROPIN  
(QUANTITATIVE),  
PLASMA/SERUM

## Orderable - HCG

Turn Around Time: 4 hours

STAT: 1 hour

### Alternate Name(s):

hCG  
Beta hCG

### Specimen:

Adult	Pediatric
4.5 mL Light Green top (Li-Heparin) Vacutainer tube	0-2 years: 0.5 mL Light Green top (Li-Heparin) Microtainer 2-10 years: 3 mL Light Green top (Li-Heparin) Vacutainer tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable	

### Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

### Reference Ranges:

Adult male:	Non-pregnant pre-menopausal female:	Post-menopausal female:
< 2 IU/L	< 5 IU/L	≤ 7 IU/L

### Interpretive Comments:

Assay detects intact hCG, nicked forms of hCG, the beta-core fragment, and the free beta-subunit of hCG.

May be used for the early detection and monitoring of pregnancy or as a tumour marker for ovarian, placental, testicular, or other tumours.



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Roche  
Electrochemiluminescence



**Test Schedule:**  
As required

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**Comments:**

Biotin may interfere with this test. Samples should not be taken from patients receiving high biotin doses (i.e. > 5 mg/day) until at least 8 hours after the last biotin administration.