## Lab Dept: Other Fluids

## Test Name: HCG BETA SUBUNIT, CSF

## **General Information**

Lab Order Codes:	BHCC
Synonyms:	Chorionic Gonadotropin, Beta-Subunit (Quantitative), CSF
CPT Codes:	84702 – Gonadotropin, chorionic; quantitative
Test Includes:	HCG Beta subunit, CSF concentration reported in IU/L.
Logistics	
Test Indications:	Measurement of human chorionic gonadotropin (hCG) in spinal fluid facilitates diagnosis of brain metastases of testicular cancer or extragonadal intracererbral germ cell tumors.
Lab Testing Sections:	Chemistry - Sendouts
Referred to:	Mayo Medical Laboratories (Test: BHSF)
Phone Numbers:	MIN Lab: 612-813-6280
	STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	Monday – Saturday, 1 - 3 days
Special Instructions:	See Patient Preparation
Specimen	
Specimen Type:	CSF
Container:	Screw capped, sterile vial
Draw Volume:	1 mL (Minimum: 0.75 mL) CSF
Processed Volume:	Same as Draw Volume
Collection:	Routine spinal fluid collection

	Special Processing:	Lab Staff: Refrigerate CSF aliquot. Send specimen refrigerated. (Note: Refrigerated samples are stable for 28 days.) Forward promptly.
	Patient Preparation:	Twelve hours before this test, do not take multivitamins or dietary supplements containing biotin or vitamin B7 that are commonly found in hair, skin and nail supplements and multivitamins.
-	Sample Rejection:	Mislabeled or unlabeled specimens; gross hemolysis
	Interpretive	
	Reference Range:	<1.0 IU/L
	Critical Values:	N/A
	Limitations:	N/A
	Methodology:	Electrochemiluminescent Immunoassay
	References:	Mayo Medical Laboratories January 2018
	Updates:	4/28/2015: Method update, previously listed as Immunometric Assay 1/23/2018: Updated reference range 8/18/2020: Collection volume update per Mayo.