

# BETA-2 TRANSFERRIN

## Orderable – B2TRF

Turnaround Time: 2 days

### Alternate Name(s):

Beta-2 Transferrin  
Beta 2 Transferrin  
Beta Transferrin  
CSF Specific Transferrin  
Tau Protein



**Laboratory:**  
Clinical Immunology Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Sebia immunofixation  
electrophoresis



**Test Schedule:**  
Monday - Friday  
0800-1600

### Specimen:

Collect 500 µL nasal or ear fluid into a clean specimen container. Also need to collect blood as follows:

Adult	Pediatric
5 mL Gold top Vacutainer tube	0-2 years: 0.5 mL Red or Gold top Microtainer 2-10 years: 3 mL Red top Vacutainer tube
Light Green (Li-Heparin) or Lavender (EDTA) top tubes are NOT acceptable	

### Collection Information:

Minimum volume of fluid required is 100 µL.

Minimum volume of serum required is 100 µL.

Test only available to Dr. Demir Bajin, Dr. Kevin Fung, Dr. Brian Rotenberg, Dr. Neil Duggal, Dr. Sandrine DeRibaupierre, Dr. Keith MacDougall, Dr. Leigh Sowerby, Dr. Lorne Parnes or Dr. Sumit Agrawal. LHSC/SJHC physicians not included in this list or anyone wishing to order beta-2 transferrin testing from a regional hospital other than LHSC/SJHC will require approval by Dr. Angela Rutledge (ext. 77626) or on the on-call biochemist prior to ordering the test.

### Reference Ranges:

Negative



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## Comments:

Based on consultation with Dr. Rotenberg, it has been decided to limit the collection frequency to  $\geq 4$  weeks for repeat testing. If beta-2 transferrin testing is ordered and it has been  $\leq 30$  days since the collection date of the last sample run, the test will be cancelled.

**Both fluid and serum are required for testing. Failure to collect a serum specimen may result in an inconclusive result.**

## Critical Information Required:

Indicate source of fluid (e.g. ear, nose).

## Storage and Shipment:

Keep fluid refrigerated or on ice packs until delivered to the laboratory. Patients collecting specimen at home should be instructed to keep specimen at refrigeration temperature until transported to the medical facility.