

CELL COUNT
AND
DIFFERENTIAL,
CSF

Orderable - CSFhem1

Turn Around Time: 4 hours

STAT: 1 hour

Alternate Name(s):

CSF Analysis

Specimen:

Cerebrospinal Fluid

Collection Information:

A minimum volume of 1 mL collected in each sterile, sequentially labeled CSF tube.

Only cell counts are performed on the first tube collected.

Cell counts and differential are performed on the last tube collected.

Reference Ranges:

Cell Counts:

	TNC x 10 ⁶ /L	RBC x 10 ⁶ /L
< 1 year	0-30	few
1-5 years	0-20	few
6-16 years	0-10	few
Adult	0-5	few

Differential:

	Neonate (%)	Adult (%)
Lymphocytes	2-38	63-99
Monocytes	50-94	3-37
Neutrophils	0-8	0-2



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION

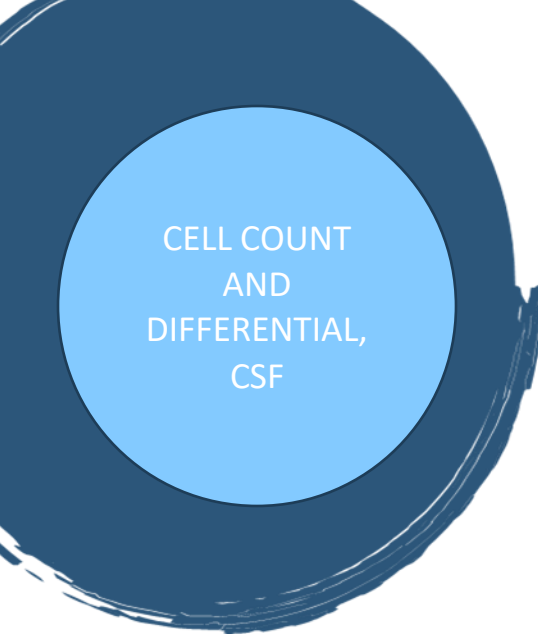


Method of Analysis:
Total nucleated cell counts and RBC counts are performed by manual counting on a Neubauer chamber or by automated analysis on a Hematology analyzer (when appropriate).

Differentials performed by microscopy.



Test Schedule:
As required



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Interpretive Comments:

CSF is considered to be an irreplaceable specimen and is analyzed regardless of whether there are clots or particular matter present. Counts may be inaccurate in these circumstances.

Special Processing:

Send sample to the lab immediately.

Critical Information Required:

It is imperative that the order of draw be accurately reflected by placement into the appropriately labelled sequential collection tube.

Storage and Shipment:

Ship sample at room temperature.

Specimens **must** be received in the laboratory within **1 hour of collection** as cells deteriorate quickly. Testing must proceed as quickly as possible following receipt in the laboratory.