

News

Clinical Laboratory Test Update

Cell Count, CSF and Cell Count, Body Fluid

Effective 10/1/18, the University of Colorado Hospital Clinical Laboratory will be performing Body Fluid and CSF Cell Counts using different instrumentation. Ordering of the tests remains the same, but please note the following information:

Order	Collection information	Instrumentation
Cell Count, CSF	At least 2 mL CSF in sterile tube, container or syringe. Minimum volume: 0.5 mL. Remove needle prior to transportation when submitting sample in a syringe.	Sysmex XN-9000
Cell Count, Body Fluid	Preferred Sample: At least 2 mL of fluid in 4.0 mL purple top tube (EDTA). Alternative Sample: At least 2 mL of fluid in sterile tube, container or syringe. <u>Body fluid source is required.</u> Remove needle prior to transportation when submitting sample in a syringe.	Sysmex XN-9000

Reference Intervals

Fluid Type	Reference Range/Interpretive Comment
Peritoneal	The reference range and other method performance specifications have not been established for this test. Results must be integrated into the clinical context for interpretation.
Pleural	The reference range and other method performance specifications have not been established for this test. Results must be integrated into the clinical context for interpretation.
Synovial	Appearance: Clear/transparent Color: Colorless to pale yellow RBC: None WBC: 0 – 200 x 10 ⁶ /L

Fluid Type	Reference Range/Interpretive Comment
CSF	Appearance: Clear/transparent Color: Colorless RBC: None WBC, Age 0 - 12 months: 0 – 30 x 10 ⁶ /L WBC, Age 1 - 150 years: 0 – 5 x 10 ⁶ /L

Please call Dr. Julie Rosser, DO at 720-848-1551 if you have any questions or visit our website at <https://www.uchealth.org/professionals/uch-clinicallaboratory/> for additional information.

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