

Body Fluid Analysis

- Points:** Points are awarded for Skills, (including general points awarded for neatness, lab clean-up, teamwork, etc.) , as well as successful and timely completion of Study Questions.
Cell / Inclusions Checklist has a 10 point value to be added into the Body Fluids Differential lab exercise. Work can be started on this during this lab.
- Objectives:** This lab is a review of Body Fluid Cell Counts and preview of Body Fluid Differentials. The materials, references, principles, procedures, and appropriate objectives of both labs will apply.
Using the criteria stated in those labs, and according to standards set by the instructor, the student will be able to:
1. Perform WBC and RBC counts on one body fluid specimen.
 2. Perform one cell differential on a prepared cytospin Wrights stained slide.
 3. Begin the process of reviewing resource slides to identify BF cells and inclusions.
 4. Use appropriate recording format to report results .
 5. Use quality control results to determine the acceptability of test results.
 6. Answer all pre-test and study questions using related information found in the textbook, lecture guide, and this lab procedure.
- Materials:**
1. All materials required for Body Fluid Cell Count exercise.
 2. All materials provided for Body Fluid Differentials exercise.
- References:** See references for Body Fluid Cell Count and Body Fluid Differential exercises.
- Principle:** See principles for Body Fluid Cell Count and Body Fluid Differentials.
- Procedure:**
1. After reviewing all related materials in the course textbook and lecture guide, perform the designated number of body fluid cell count(s) (WBC & RBC) and differentials using the procedures provided in Body Fluid cell count exercise and the Body Fluid Differential exercise.
 2. Under the direction of the instructor and using the checklist provided, begin reviewing resource slides to identify BF cells and inclusions.

**Body Fluids Slides
Cells & Inclusions Checklist**

____/____

Name _____

Identify the slide in which the cell / inclusion was found.

Cell / Inclusion	CSF Specimen	Other Body Fluid (specify)
Neutrophil (Segs)		
Lymphocyte		
Macrophage		
Eosinophil		
Basophil		
Plasma Cell		
Ependymal Cell		
Mesothelial Cell		
possible malignant cell		
Intracellular bacteria		
Macrophage Inclusions:		
Erythrophage		
Siderophage		
Leukophage		
Hematoidin crystals		
Others:		
LE cell		