

RBL Hematology Request Form

The RBL uses the DiaSys Xpedite HEM3 Vet Hematology Analyzer which can perform a complete blood count in a 50µl sample volume. The preferred anticoagulant for this analyzer is EDTA and blood should be analyzed within 4 hrs of collection, although if necessary blood can be analyzed within 24hrs if kept at 4° C. As much advance notice as possible is preferred but we require a minimum of 72hrs prior notice. Please complete and return this form to efitzpat@uthsc.edu. The following parameters are measured:

- WBC = white blood cells
- RBC = red blood cells
- Plt = platelets
- HGB = hemoglobin
- MCH = mean corpuscular hemoglobin, average mass of HGB per red blood cell
- MCHC = mean corpuscular hemoglobin concentration, average concentration of HGB inside a red blood cell
- MCV = mean corpuscular volume, average volume of red blood cells
- MPV = mean platelet volume, average platelet size
- HCT = hematocrit, calculated by RBC x MCV
- Lym # & % - total (absolute) number and percentage of lymphocytes
- MID # & % = total (absolute) number and percentage of monocytes, eosinophils, and basophils
- GRA # & % = total (absolute) number and percentage of granulocytes (neutrophils)

PI:

PI Email:

Contact person:

Contact person email:

Account number:

Date samples to be delivered for analysis:

Total number of samples:

Species:

Whole blood anti-coagulant:

Infectious Agent:

Bring samples to the RBL (901 Monroe Ave) lobby and place in refrigerator in by noon of the day of analysis.

RBL use only - Study Number: