

Smear and Pathologist Review Requests Now Available in Atlas

Effective 3/30/23, UVMHC's smear request orderables were made available in Atlas. There are three Wright stained, peripheral blood smear options (see below). For each option, an order for a CBC or CBC with differential must be included.

1. Slide Request

When a Slide Request is ordered, a peripheral blood smear will be Wright Stained, filed, and held in the laboratory for one year.

Slide Request (Final result)			
Component	Value	Ref. Range	Units
Note	A smear is filed in the Hematology lab.		
Resulting Lab: UVMHC LAB			

New Atlas Orderable	Epic Code	Atlas Code	Mayo Access ID	Order LOINC	CPT Code
Slide Request	LAB1238918	SLIDE	N/A	N/A	N/A
Result Component Name	Epic Code	Atlas Code	Mayo Access ID	Result LOINC	Notes
Note	12301009521	SLIDE	N/A	N/A	
Container	Specimen	Temperature	Collect Vol	Submit Vol	Stability
Lavender Top (EDTA)	Whole Blood	Refrigerate	2.5 mL	2.5 mL	12 hours

2. CBC Hemolysis Review

A CBC Hemolysis Review will include a microscopic examination of a Wright stained blood smear to look for indications of RBC hemolysis. It will include Schistocytes, Spherocytes, and a Comment field.

Hemolysis Review (Final result)			
Component	Value	Ref. Range	Units
Schistocytes	No increase in schistocytes seen		
Spherocytes	No increase in spherocytes seen.		
Differential Comment	There is no significant increase in schistocytes or spherocytes. There is no morphologic evidence of hemolysis.		
Resulting Lab: UVMHC LAB			

New Atlas Orderable	Epic Code	Atlas Code	Mayo Access ID	Order LOINC	CPT Code
CBC Hemolysis Review	LAB8971	HEMOLY	N/A	24318-8	N/A
Result Component Name	Epic Code	Atlas Code	Mayo Access ID	Result LOINC	Notes
Schistocytes	12302000083	SCHHR	N/A	800-3	
Spherocytes	12302000085	SPHR	N/A	802-9	
Comment	12302000097	DCOM	N/A	8251-1	
Container	Specimen	Temperature	Collect Vol	Submit Vol	Stability
Lavender Top (EDTA)	Whole Blood	Refrigerate	2.5 mL	2.5 mL	12 hours

PATHOLOGY & LABORATORY MEDICINE

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3. Path Review-Hematology

Path Review – Hematology is a request for a pathologist to review the slide and report their findings. There must be a comment included in the “Indication for review” text box. This request will be subject to part B billing.

Path Review - Hematology (Final result)			
Component	Value	Ref. Range	Units
Pathologist Review Comment			
Smear reviewed and CBC indices confirmed. Macrocytic anemia can be secondary to vitamin B12 or folate deficiency, toxin exposure, alcohol, medication effect, autoimmune disorders, liver disease, hypothyroidism or myelodysplasia. A subset of neutrophils show dysplastic changes, including hypogranular cytoplasm and nuclear hypolobation. No blasts are seen. Correlation with clinical impression and laboratory studies is essential.			
Resulting Lab: UVMC LAB			

New Atlas Orderable	Epic Code	Atlas Code	Mayo Access ID	Order LOINC	CPT Code
Path Review-Hematology	LAB8791	HEMCOM	N/A	59465-5	N/A
Result Component Name	Epic Code	Atlas Code	Mayo Access ID	Result LOINC	Notes
Path Review Routine Hematology	12302200097	HEMCOM	N/A	59465-5	
Container	Specimen	Temperature	Collect Vol	Submit Vol	Stability
Lavender Top (EDTA)	Whole Blood	Refrigerate	2.5 mL	2.5 mL	12 hours

For questions regarding these new tests, please contact UVMC’s Medical Director of the Hematology Laboratory Dr. Joanna Conant, at (802) 847-6700.

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