



### Electrophoresis (IFE) & Protein Electrophoresis (SPE) Serum Changes

Central Illinois Regional change Effective: 6/29/2021

Starting June 29, 2021, the regional method for detecting a monoclonal component will now include immunosubtraction as another method of detection. We will continue to use immunofixation on specific cases.

As part of this change, reports for serum protein electrophoresis will no longer have a graph crossing into EPIC or faxed to outside clients. Reports will still contain the percent of proteins present and pathology interpretation for monoclonal proteins if present. EPIC or faxed to outside clients.

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Test Name	Epic Code	SQ Code
Immunofixation Electrophoresis Serum	LAB174	IFE
Protein Electrophoresis, Serum	LAB119	APE
Hemoglobin Electrophoresis	LAB2529	HGBIDA

### Update: Malaria Panel, Blood

Central Illinois Regional change Effective: 6/28/2021

A new EPIC test code, **LAB3066**, is available for Malaria Panel in our Peoria region. The panel will be the new test of choice for malaria screening. It includes the rapid screen with thin smear pathology review, with addition of a send out real-time PCR in which Mayo Clinic Laboratory will reflex positives for percent parasitemia calculation. Specimen requirements will remain the same, EDTA whole blood which is stable up to three days when refrigerated. Please see our online test directory for additional details.

Test Name	Epic Code	SQ Code
Malaria Panel, Blood	LAB3066	MALPNL

Discontinued Testing Information:

Blood Malaria, Screen Rapid	LAB2597	MLRAPD
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### Hemoglobin A1C - Methodist Campus

Methodist Campus change Effective: 7/20/2021

Starting July 20, 2021 UnityPoint Health Methodist will transition A1c Testing from HPLC to capillary electrophoresis. This method will require its own lavender top specimen for testing and it cannot be shared.

Test Name	Epic Code	SQ Code
Hemoglobin A1C	LAB90	GLYCO

No Test code changes

### What Tests Can Share? Lavender Top K2 EDTA Tubes Edition

The laboratory routinely receives 1 lavender K2 EDTA tube for testing when multiple non-shared specimens are required. This can lead to recollection and/or delays in testing. The most common testing that require a Lavender top are listed below. Always check the [Testing Directory](#) for current specimen requirements to prevent recollection and patient satisfaction.

Test Name	Shareable	Requires Its Own Tube
CBC w/ Differential	✓	✗
CBC (no Differential)	✓	✗
ESR	✓	✗
Hemoglobin A1C	✗	✓
PTH (Parathyroid)	✗	✓
FK506 (Tacrolimus)	✗	✓
RBC Folate	✗	✓
HIV Panel	✗	✓



Prevent Clotted Specimens: Lavender tops require 8-10 complete inversions immediately after collecting.

### Tips to Reduce Rejected Specimens

- When obtaining lab samples, always have your labels at the bedside prior to collecting the sample. Look at each label to make sure they belong to the patient when you do your interactive patient identification. Double check when placing the label on each specimen.
- Never draw above or near a running IV.
- Never use an IV site to obtain peripheral blood samples.
- When drawing from an IV start the chances of hemolysis increase.
- Blood Cultures cannot be obtained from an IV start or line.
- Always maintain the order of draw. Blood Culture—Blue Top—Yellow (SST)—Green—Lavender and mix each tube by gentle inversions.
- Blue tops must be full to the line on the tube. When drawing with a butterfly or long J loop, a waste tube must be used first to get the air out of the tubing before inserting the blue top. A waste tube must be another blue top unless you are provided with the special sterile waste tubes.
- Some samples need protected from light or other special instructions. Call the lab or use the lab manual <https://unitypointpeoria.testcatalog.org/> to find how to preserve the sample.