



University of Colorado Hospital

UNIVERSITY OF COLORADO HEALTH

Test Update Serum Protein Electrophoresis with Reflex to Immunofixation Electrophoresis (SPEP w/Reflex IFE)

Effective Thursday, October 6, 2016, the collection requirements for Serum protein electrophoresis with reflex to Immunofixation electrophoresis have been updated. This change will ensure proper sample collection, handling and testing in a timely manner.

Test Mnemonic: SPEP

Epic Code: LAB119

Methodology: Serum protein electrophoresis, Immunofixation electrophoresis

Sample Collection: Two 7.0 mL gold or red top with gel (SST), clot activator serum or
Two aliquot tubes, each with 1.5 mL of serum

Internal Collection: Two collection labels will print, "SPEP" and "SPEP Total Protein".
Label two gold top tubes, collect samples and send to lab.
Select and Collect both tests in EPIC.

Off Site Collection: If delivered within 24 hours after collection: allow to clot 30 minutes,
immediately centrifuge, and transport to lab at 2–8 degrees Celsius.

If delivered more than 24 hours after collection: allow to clot 30 minutes,
immediately centrifuge, make two aliquot tubes, each with 1.5 mL serum
and transport to lab frozen.

CPT: 84165 Protein Electrophoresis and if indicated 86334 IFE Serum

Please contact Gregory Bocsi, DO at 303-848-7050 if you have any questions, or visit our website at <https://www.uchealth.org/professionals/Pages/Clinical-Laboratory.aspx> for additional information.

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Clinical Laboratory
Medical Director Edward R. Ashwood, MD
