

Serum Protein Electrophoresis (SPEP) (QPE)

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TEST OVERVIEW

Test Name	Serum Protein Electrophoresis (SPEP)
Test Code	QPE
Short Description	QPE

OVERVIEW

Test Name	Serum Protein Electrophoresis (SPEP)
Test Code	QPE
Category	Electrophoresis
TAT	Main Lab: 1 Day(s) Family Site: 1 Day(s)
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

SPECIMEN(S)

SST-Serum Separator Tube

Specimen Type	SST-Serum Separator Tube
Specimen Format	Tube
Specimen Colour	Gold
Specimen Volume	5 mL
Sampling Order	2
Origin	Venous blood
Collection time after baseline	-
Transport Temperature	15-25°C
Accepted Other Specimens	Serum
TAT	Main Lab: 1 Day(s)

Test Stability

Family Site: 1 Day(s)
Room Temp: 3 Day(s)
2–8°C: 10 Day(s)

CLINICAL INFORMATION**Serum Protein Electrophoresis (SPEP)**

Methodology	-
Specimen Type	SST-Serum Separator Tube
Delay before pre-treatment	8
Transport Temperature	15-25°C
Transport Stability at room temp	3 Day
Transport Stability at 2–8°C	10 Day
Haemolysis interference	<input type="button" value="No"/>

Clinical Interest

Serum protein electrophoresis (SPE) is used to separate and measure the different proteins present in blood serum. SEP is mainly used to detect monoclonal gammopathies characterised by the presence of a monoclonal protein in serum. It is used for the diagnosis and monitoring of multiple myeloma, Waldenström's macroglobulinaemia and monoclonal gammopathy of undetermined significance (MGUS). It is also useful for identifying a decrease in immunoglobulin levels, which may indicate a state of immunodeficiency, assessing inflammatory syndrome, liver diseases such as cirrhosis or chronic hepatitis, kidney function with nephrotic syndrome, or the patient's nutritional status.

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code	351-9, 24351-9
Outwork	<input type="button" value="No"/>