

Reporting Title: Electrophoresis, Protein, S
Performing Location: Jacksonville

Necessary Information:
Indicate if multiple myeloma is suspected.

Specimen Requirements:
Patient Preparation: Fasting (12 hour) preferred but not required
Collection Container/Tube:
Preferred: Serum gel
Acceptable: Red top
Submission Container/Tube: Plastic vial
Specimen Volume:1 mL
Collection Instructions: Centrifuge and aliquot serum into plastic vial within 2 hours of collection.

Forms:

Specimen Type	Temperature	Time	Special Container
Serum	Ambient	14 days	
	Refrigerated (preferred)	14 days	
	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
TPE	Total Protein	Numeric	g/dL	2885-2
2769	Albumin	Numeric	g/dL	2862-1
2770	Alpha-1 Globulin	Numeric	g/dL	2865-4
2771	Alpha-2 Globulin	Numeric	g/dL	2868-8
2773	Beta-Globulin	Numeric	g/dL	2871-2
2774	Gamma-Globulin	Numeric	g/dL	2874-6
2785	A/G Ratio	Numeric		44429-9
22308	M spike	Numeric	g/dL	33358-3
22309	M spike	Numeric	g/dL	33358-3
15254	Impression	Alphanumeric		49296-7

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
TPE	Total Protein	1	84155	Yes	Yes, (order TP)
ELP	Protein Electrophoresis	1	84165	Yes	No

CPT Code Information:

- 84155
- 84165
- 86334-Immunofixation (if appropriate)
- 86334-Immunofixation Delta and Epsilon (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
IMFX	Immunofixation	1	86334	No	No
IFXED	Immunofixation Delta and Epsilon, S	1	86334	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
IMFX	81653	Immunofixation	Alphanumeric		74665-1
IMFX	606977	Flag, Immunofixation	Alphanumeric		No LOINC Needed
IFXED	606458	Immunofixation D and E	Alphanumeric		74665-1
IFXED	606981	Flag, Immunofixation D and E	Alphanumeric		No LOINC Needed

Reference Values:

- PROTEIN, TOTAL
- > or =1 year: 6.3-7.9 g/dL
- Reference values have not been established for patients that are younger than 12 months of age.

PROTEIN ELECTROPHORESIS

- Albumin: 3.4-4.7 g/dL
- Alpha-1-globulin: 0.1-0.3 g/dL
- Alpha-2-globulin: 0.6-1.0 g/dL
- Beta-globulin: 0.7-1.2 g/dL
- Gamma-globulin: 0.6-1.6 g/dL
- An interpretive comment is provided with the report.
- Reference values have not been established for patients that are younger than 16 years of age.