



To: Penn Medicine Physicians and Staff

Date: 10/7/2020

From: Alexander S.R. Macnow, MD
Joyce Gonzalez, BS, M(ASCP)

Re: Additional Result Field for Serum Electrophoresis

The serum electrophoresis report will now include an additional field for the quantitation of monoclonal protein(s) (M-spikes), if present.

Example:

Component	Value	Ref Range & Units
Albumin Fraction	3.3 ▼	3.5 - 5.8 g/dL
Alpha1-Globulin Frac	0.4	0.2 - 0.4 g/dL
Alpha2-Globulin Frac	0.9 ▲	0.5 - 0.8 g/dL
Beta-Globulin Fracti	0.7	0.6 - 1.0 g/dL
Gamma-Globulin Fract	2.6 ▲	0.7 - 1.2 g/dL
M Spike 1	2.5	g/dL

The order code and tube type (SST) will not change.

For clinical questions related to this change, please contact the Chemistry Resident at 215-980-9770. For operational questions related to this change, please contact Joyce Gonzalez at Joyce.Gonzalez@penmedicine.upenn.edu or 215-662-6023.