

Reporting Title: Plasma Cell Proliferation, Marrow

Performing Location: Rochester

Specimen Requirements:

Specimen Type: Redirected bone marrow

Preferred: Yellow top (ACD solution B)

Acceptable: EDTA, Heparin

Specimen Volume: 4 mL

Specimen Stability Information: <72

Additional Information:

Include disease state (untreated, treated, monoclonal gammopathy of undetermined significance, stable).

Specimen Type	Temperature	Time
Bone Marrow	Ambient (preferred)	
	Refrigerated	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CK056	Monotypic Plasma Cells:	Alphanumeric		
CK057	Monotypic PC per Total Events	Alphanumeric	%	
CK058	Monotypic Plasma Cells S-phase	Alphanumeric	%	
CK059	Monotypic Plasma Cells DNA Index	Alphanumeric		
CK060	Monotypic Plasma Cells DNA Ploidy	Alphanumeric		
CK061	Polytypic PC per Total Events	Alphanumeric	%	
CK062	Polytypic PC per All Plasma Cells	Alphanumeric	%	
CK063	Final Diagnosis	Alphanumeric		

CPT Code Information:

88182-Flow cytometry, cell cycle or DNA analysis

88184-Flow cytometry; first cell surface, cytoplasmic or nuclear marker

88185-Flow cytometry; additional cell surface, cytoplasmic or nuclear marker (each)

88187-Flow cytometry Interpretation, 2 to 8 Markers

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
88465	Flow Cytometry Interp, 2-8 Markers	1	88187	Yes	No (Bill Only)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
88465	88465	Flow Cytometry Interp, 2-8 Markers			

Reference Values:

Plasma Cell Clonality:
Normal bone marrow
No clonal plasma cells detected

DNA Index:
Normal plasma cells
DNA index (G0/G1 cells): Dipliod 0.95-1.05