Test Definition: PCPRO

Plasma Cell DNA Content and Proliferation, Bone Marrow

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 hours
Additional Information: Include patient's disease state (untreated, treated, monoclonal gammopathy of undetermined significance, stable).
Forms: If not ordering electronically, submit a Hematopathology/Molecular Oncology Request Form (Supply T241) with the specimen.

Specimen Type	Temperature	Time
Bone Marrow	Ambient (preferred)	
	Refrigerated	

Result Codes:

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

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	FLOWCYTOMETRY/TC ADD-ON	5	88185		

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	FLOWCYTOMETRY/ TC 1 MARKER	1	88184		
Billing only	CELL MARKER STUDY	1	88182		

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			N/A

Reference Values:

Plasma Cell Clonality:
Normal bone marrow
No monotypic clonal plasma cells detected
DNA Index:
Normal polytypic plasma cells
DNA index (G0/G1 cells): Diploid 0.95-1.05