

**Reporting Title:** Plasma Cell Prolif, High Risk, FISH  
**Performing Location:** Rochester

**Ordering Guidance:**

For a more complete genetic evaluation, order MPCDS / mSMART, Plasma Cell Proliferative Disorder, FISH, Bone Marrow.

For testing paraffin-embedded tissue samples from patients with a plasma cell disorder, order PLASF / Plasma Cell Proliferative Disorder, FISH, Tissue.

For fixed cell pellet specimens, order MFCDF / Myeloma, High Risk, with Reflex Probes, Diagnostic FISH Evaluation, Fixed Cell Pellet.

Testing will be changed to the appropriate test if this test is ordered on either of the previous specimens or if bone marrow specimens are received more than 96 hours from collection.

**Shipping Instructions:**

- 1. Specimen should arrive within 96 hours of collection.
- 2. Advise Express Mail or equivalent if not on courier service.

**Necessary Information:**

A reason for testing and a flow cytometry and/or a bone marrow pathology report should be submitted with each specimen. The laboratory will not reject testing if this information is not provided, but appropriate testing and interpretation may be compromised or delayed. If this information is not provided, an appropriate indication for testing may be entered by Mayo Clinic Laboratories.

**Specimen Requirements:**

**Container/Tube:**

- Preferred:** Yellow top (ACD)
- Acceptable:** Green top (heparin) or lavender top (EDTA)

**Specimen Volume:** 4 mL

**Collection Instructions:**

- 1. Invert several times to mix bone marrow
- 2, Send bone marrow specimen in original tube. **Do not aliquot.**

**Forms:**

If not ordering electronically, complete, print, and send a [Hematopathology/Cytogenetics Test Request](#) (T726) with the specimen.

Specimen Type	Temperature	Time	Special Container
Bone Marrow	Ambient (preferred)	4 days	
	Refrigerated	4 days	

# Test Definition: PCPDS

Plasma Cell Proliferative Disorder, High Risk  
with Reflex Probes, Diagnostic FISH Evaluation,  
Bone Marrow

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
PCPDS	GC054	Reason for Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
606080	Result Summary	Alphanumeric		62357-9
606081	Interpretation	Alphanumeric		69965-2
606082	Result Table	Alphanumeric		93356-4
606083	Result	Alphanumeric		62356-1
606084	Specimen	Alphanumeric		31208-2
606085	Source	Alphanumeric		39111-0
606086	Method	Alphanumeric		85069-3
606087	Additional Information	Alphanumeric		48767-8
606088	Disclaimer	Alphanumeric		62364-5
606089	Released By	Alphanumeric		18771-6
GC054	Reason for Referral	Alphanumeric		42349-1

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

Supplemental Report:

No

CPT Code Information:

88271 x 2, 88274, 88291-FISH Probe, Analysis, Interpretation; 1 probe set  
88271 x 2, 88274-FISH Probe, Analysis; each additional probe set (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
PCPDB	Probe, Each Additional (PCPDS)	1	88271	No	No, (Bill Only)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CSPCF	607684	PCPDS Pre-Analysis Cell Sort	Alphanumeric		No LOINC Needed
CSPCF	607689	Final Diagnosis	Alphanumeric		No LOINC Needed

Reference Values:

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An interpretive report will be provided.