
Reporting Title: Plasma Cell Myeloma, NGS, V
Performing Location: Rochester**Shipping Instructions:**

Bone marrow aspirate samples must arrive within 4 days of collection.

Specimen Requirements:

Submit only 1 of the following specimens:

Specimen Type: Bone marrow aspirate

Container/Tube: Lavender or pink top (EDTA) or yellow top (ACD)

Specimen Volume: 2 mL

Collection Instructions:

1. Minimum plasma cell percentage is 5%.
2. Invert several times to mix bone marrow.
3. Send bone marrow specimen in original tube. Do not aliquot.
4. Label specimen as bone marrow.
5. Fresh specimen is required for this test, as testing is performed on sorted cells.

Specimen Stability Information: Ambient (preferred) 4 days/Refrigerate

Specimen Type: Paraffin-embedded bone marrow clot

Container/Tube: Paraffin block

Collection Instructions:

1. Send 1 slide stained with hematoxylin and eosin.
2. Minimum plasma cell percentage is 20%.
3. Required amount of tissue area is at least 25mm(2).
4. Tissue should be fixed in 10% neutral-buffered formalin. Other fixatives are not acceptable.
5. Decalcified specimens (eg, bone marrow core biopsies) are not acceptable.

Specimen Stability Information: Ambient

Specimen Type: Tissue slide; bone marrow clot

Slides: 10 unstained slides

Container/ Tube: Transport in plastic slide holders.

Collection Instructions:

1. Send 10 unstained, nonbaked slides with 5-micron thick sections of tissue and 1 slide stained with hematoxylin and eosin
2. Minimum amount of plasma cells is 20%
3. Required amount of tissue area is at least 25mm(2).
4. Tissue should be fixed in 10% neutral-buffered formalin. Other fixatives are not acceptable.
5. Decalcified specimens (eg, bone marrow core biopsies) are not acceptable.

Specimen Stability Information: Ambient

Specimen Minimum Volume:

Bone marrow aspirate: 1 mL

Forms:

1. Hematopathology Patient Information (T676)
2. If not ordering electronically, complete, print, and send an Hematopathology/Cytogenetics Test Request (T726) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
NGPCM	MP074	Specimen Type: <ul style="list-style-type: none">• Bone marrow• PET Bone marrow clot• Slides - bone marrow clot	Answer List	Yes
NGPCM	MP075	Indication for Test	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MP074	Specimen Type	Alphanumeric		31208-2
MP075	Indication for Test	Alphanumeric		42349-1
618515	NGPCM Result	Alphanumeric		No LOINC Needed
618516	Pathogenic Mutations Detected	Alphanumeric		82939-0
618517	Interpretation	Alphanumeric		69047-9
618519	Variants of Unknown Significance	Alphanumeric		93367-1
618520	Additional Information	Alphanumeric		48767-8
618518	Clinical Trials	Alphanumeric		82786-5
618521	Method Summary	Alphanumeric		85069-3
618522	Disclaimer	Alphanumeric		62364-5
618523	Panel Gene List	Alphanumeric		36908-2
618524	Reviewed By	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81450

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CSPMM	NGPCM Pre-Analysis Cell Sorting, BM			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CSPMM	618627	NGPCM Pre-Analysis Cell Sort	Alphanumeric		No LOINC Needed
CSPMM	618630	Final Diagnosis	Alphanumeric		22637-3

Reference Values:

An interpretive report will be provided.