

---

**Reporting Title:** MPN (CALR, MPL) Reflex  
**Performing Location:** Rochester

**Shipping Instructions:**  
Specimen must arrive within 7 days of collection.

**Necessary Information:**  
The following information is required:

1. Pertinent clinical history
2. Clinical or morphologic suspicion
3. Date of collection
4. Specimen source

**Specimen Requirements:**  
Submit only 1 of the following specimens:

**Specimen Type:** Blood  
**Container/Tube:** Lavender top (EDTA) or yellow top (ACD-B)  
**Specimen Volume:** 3 mL  
**Collection Instructions:**

1. Invert several times to mix blood.
2. Send specimen in original tube.
3. Label specimen as blood.

**Specimen Stability Information:** Ambient (preferred)/Refrigerate

**Specimen Type:** Bone marrow aspirate  
**Container/Tube:** Lavender top (EDTA) or yellow top (ACD-B)  
**Specimen Volume:** 2 mL  
**Collection Instructions:**

1. Invert several times to mix specimen.
2. Send specimen in original tube.
3. Label specimen as bone marrow.

**Specimen Stability Information:** Ambient (preferred)/Refrigerate

**Specimen Type:** Extracted DNA from blood or bone marrow  
**Container/Tube:** 1.5 to 2 mL tube  
**Specimen Volume:** Entire specimen  
**Collection Instructions:**

1. Indicate volume and concentration of DNA
2. Label specimen as extracted DNA from blood or bone marrow.

**Specimen Stability Information:** Frozen (preferred)/Refrigerate/Ambient

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

# Test Definition: MPNCM

Myeloproliferative Neoplasm, CALR with  
Reflex to MPL, Varies

Specimen Type	Temperature	Time	Special Container
Varies	Varies	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MPNCM	MP036	Specimen Type	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
42393	MPNCM Reflex Result	Alphanumeric		82939-0
MP036	Specimen Type	Alphanumeric		31208-2
42392	Final Diagnosis	Alphanumeric		50398-7

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

Supplemental Report:

No

CPT Code Information:

81219-CALR (calreticulin) (eg, myeloproliferative disorders), gene analysis, common variants in exon 9  
81339 -MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; sequence analysis, exon 10 (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
MPNML	MPL Exon 10 Sequencing, Reflex	1	81339	No	No, (bill only)

Reference Values:

An interpretive report will be provided.