
Reporting Title: MPN (JAK2 V617F, 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 solution B)**Specimen Volume:** 3 mL**Collection Instructions:**

1. Invert several times to mix blood.
2. Send specimen in original tube. **Do not** aliquot.
3. Label specimen as blood.

Specimen Stability Information: Ambient (preferred)/Refrigerate**Specimen Type:** Bone marrow**Container/Tube:** Lavender top (EDTA) or yellow top (ACD solution B)**Specimen Volume:** 2 mL**Collection Instructions:**

1. Invert several times to mix bone marrow.
2. Send specimen in original tube. **Do not** aliquot.
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:** Label specimen as extracted DNA from blood or bone marrow and provide indication of volume and concentration of the DNA.**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.

Specimen Type	Temperature	Time	Special Container
Varies	Varies	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MPNR	MP023	Specimen Type	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
36687	Final Diagnosis	Alphanumeric		22637-3
39725	MPNR Result	Alphanumeric		No LOINC Needed

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

Supplemental Report:

No

CPT Code Information:

81270-JAK2 (Janus kinase 2) (eg, myeloproliferative disorder) gene analysis, p.Val617Phe (V617F) variant
81219-CALR (calreticulin) (eg, myeloproliferative disorders), gene analysis, common variants in exon 9 (if appropriate)
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
CALX	CALR, Gene Mutation, Exon 9, Reflex	1	81219	No	No, (bill only)
MPLR	MPL Exon 10 Mutation Detection, R	1	81339	No	No, (bill only)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
MPLR	36672	Final Diagnosis	Alphanumeric		22637-3
CALX	36998	Final Diagnosis	Alphanumeric		22637-3

Reference Values:

An interpretive report will be provided.