Reporting Title: JAK2 Exon 12 Mutation Detection, BM
Performing Location: Rochester

Ordering Guidance:

In all cases being evaluated for *JAK2* mutation status, the initial test that should be ordered is JAK2M / *JAK2* V617F Mutation Detection, Bone Marrow, a sensitive assay for detection of the mutation. However, if no *JAK2* V617F mutation is found, further evaluation of *JAK2* may be clinically indicated.

This test is a second-order test that should be ordered when the test for the JAK2M / *JAK2* V617F Mutation Detection, Bone Marrow test is negative.

Shipping Instructions:

1. Specimen must arrive within 5 days (120 hours) of collection.

2. Draw and package specimen as close to shipping time as possible.

Necessary Information:

Date of collection is required.

Specimen Requirements:

Container/Tube:
Preferred: EDTA (lavender top)
Acceptable: ACD (yellow top)
Specimen Volume: 4 mL
Collection Instructions:
1. Invert several times to mix bone marrow.
2. Send specimen in original tube.

Forms:

1. Hematopathology Patient Information (T676) in Special Instructions
2. 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	5 days	PURPLE OR PINK TOP/EDTA
	Refrigerated (preferred)	5 days	PURPLE OR PINK TOP/EDTA

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
20250	Final Diagnosis:	Alphanumeric		34574-4
39468	JAK2 Sequencing Result	Alphanumeric		80186-0

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

_____

Supplemental Report:

No

CPT Code Information:

0027U-*JAK2* (Janus kinase 2) (eg, myeloproliferative disorder), exon 12 sequence and exon 13 sequence, if performed

Reference Values:

An interpretive report will be provided.

_____