

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

Ordering Guidance:
In all cases being evaluated for *JAK2* mutation status, the initial test that should be ordered is JAK2B / *JAK2* V617F Mutation Detection, Blood, a sensitive assay for detection of the mutation. However, if no *JAK2* V617F mutation is found, further evaluation of *JAK2* may be clinically indicated.

Additional Testing Requirements:

Shipping Instructions:
Specimen must arrive within 5 days (120 hours) of collection. Collect and package specimen as close to shipping time as possible.

Necessary Information:
Date of collection is required.

Specimen Requirements:
Container/Tube:
Preferred: Lavender top (EDTA)
Acceptable: Yellow top (ACD)
Specimen Volume: 10 mL
Collection Instructions:
1. Invert several times to mix blood.
2. Send whole blood specimen in original tube. **Do not aliquot.**

Forms:
1. [Hematopathology Patient Information](#) (T676)
2. If not ordering electronically, complete, print, and send a [Hematopathology/Cytogenetics Test Request](#) (T726) with the specimen.

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|--------|-------------------------|
| Whole blood | Refrigerated (preferred) | 5 days | PURPLE OR PINK TOP/EDTA |
| | Ambient | 5 days | PURPLE OR PINK TOP/EDTA |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|------------------------|--------------|------|---------|
| 20194 | Final Diagnosis: | Alphanumeric | | 34574-4 |
| 39467 | JAK2 Sequencing Result | Alphanumeric | | 55300-8 |

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.