### JAK2 Mutation Exon12 Analysis

**Test Name:** JAK2 Exon 12 Mutation  
**Methodeology:** Polymerase Chain Reaction  
**LOINC Code**

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Specimen Volume (min)</th>
<th>Specimen Type</th>
<th>Specimen Container</th>
<th>Transport Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred</td>
<td>6 mL (2 mL)</td>
<td>Whole Blood</td>
<td>EDTA (Lavender Top)</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Alternate 1</td>
<td>6 mL (2 mL)</td>
<td>Bone Marrow</td>
<td>EDTA (Lavender Top)</td>
<td>Refrigerated</td>
</tr>
</tbody>
</table>

**Instructions**
- **Critical:** Do not open or share tube.
- Ship ambient and overnight for Monday - Friday receipt at RML.
- Stability: Ambient 5 days, Refrigerated 5 day, Frozen Unacceptable

If JAK2 V617F testing has already been performed, please contact the laboratory to determine if additional specimen will be required for JAK2 exon 12 testing.

### General Information

**Testing Schedule:** Mondays  
**Expected TAT:** Within 7 day(s) from set up  
**Notes**
- Alternate Names: JAK2 exon 12 Mutation Analysis, Janus Tyrosine Kinase 2 Gene, Myeloproliferative Neoplasm (MPN)
- Reference Lab: Tricore
- Test Code: MDEX12
- [Click Here](#) to view information on the Tricore website.

**Pre-requisite - JAK2 V617F Mutation Analysis** MUST be ran & reported as "NOT DETECTED" PRIOR to ordering the MPN Molecular Profile. If JAK2 V617F Mutation Analysis has not been previously ran on your patient, please order "JAK2 MUTAT (9100185) " and submit a separate specimen for testing. Specimen submitted for MPN Molecular Profile will be kept at optimal stability for testing until initial testing has been reported.

**CPT Code(s)**
- CPT: 81403 G0452-26  

**Lab Section**
- Reference Lab