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**Reporting Title:** FLT3 Mutation Analysis, V**Performing Location:** Rochester**Ordering Guidance:**

This test is intended to be used as a prognostic test at diagnosis and should not be used to monitor residual disease following treatment.

**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 and time of collection
4. Specimen source

**Specimen Requirements:**

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

**Specimen Type:** Whole blood

**Container/Tube:** Lavender top (EDTA) or yellow top (ACD)

**Specimen Volume:** 3 mL

**Collections 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)

**Specimen Volume:** 2 mL

**Collections Instructions:**

1. Invert several times to mix bone marrow.
2. Send specimens 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:**

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

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

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
Varies	Varies	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FLT	MP009	Specimen Type	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MP009	Specimen Type	Alphanumeric		31208-2
19236	Final Diagnosis:	Alphanumeric		34574-4
41935	FLT3 Result	Alphanumeric		79210-1

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

Supplemental Report:

No

CPT Code Information:

81245-FLT3 (fms-related tyrosine kinase) (eg, acute myeloid leukemia), gene analysis, internal tandem duplication (ITD) variants (ie, exons 14, 15)

81246-FLT3 (fms-related tyrosine kinase 3) (eg, acute myeloid leukemia), gene analysis; tyrosine kinase domain (TKD) variants (eg, D835, I836)

81479 (if appropriate for government payers)

Reference Values:

An interpretive report will be provided.