
Reporting Title: MYD88 L265P Gene Mutation Analysis**Performing Location:** Rochester**Shipping Instructions:**

Whole blood or bone marrow specimens must arrive within 10 days of collection.

Specimen Requirements:

Submit only 1 of the following specimens:

Preferred:

Specimen Type: Bone marrow

Container/Tube:

Preferred: Lavender top (EDTA)

Acceptable: Yellow top (ACD)

Specimen Volume: 2 mL

Collection Instructions:

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

Specimen Stability: Ambient (preferred)/Refrigerated

Specimen Type: Paraffin-embedded tissue

Container/Tube: Paraffin block

Specimen Stability: Ambient

Specimen Type: Paraffin-embedded bone marrow aspirate clot

Container/Tube: Paraffin block

Specimen Stability: Ambient

Acceptable:

Specimen Type: Whole blood

Container/Tube:

Preferred: Lavender top (EDTA)

Acceptable: Yellow top (ACD)

Specimen Volume: 3 mL

Collection Instructions:

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

Specimen Stability: Ambient (preferred)/Refrigerated

Specimen Type: Frozen tissue

Container/Tube: Plastic container

Specimen Volume: 100 mg

Collection Instructions: Freeze tissue within 1 hour of collection.

Specimen Stability: Frozen

Specimen Type: Unstained slides
Container/Tube: Unstained tissue slides
Specimen Volume: 10 to 20 Slides
Additional Information: Tissue must demonstrate involvement by a hematologic neoplasm (eg, acute myelocytic leukemia), not solid tumors.
Specimen Stability: Ambient

Specimen Type: Extracted DNA
Container/Tube: 1.5- to 2-mL tube
Specimen Volume: Entire specimen
Collection Instructions:
1. Label specimen as extracted DNA and source of specimen.
2. Indicate volume and concentration of the DNA on the label.
Specimen Stability: Frozen (preferred)/Refrigerated

Specimen Type: Methanol-acetic acid (MAA) fixed pellets
Container/Tube: Plastic container
Specimen Stability: Ambient (preferred)/Refrigerated

Specimen Minimum Volume:

Whole blood, Bone marrow: 1 mL; Extracted DNA: 50 mcL at 20 ng/mcL; Other specimen types: See Specimen Required

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	10 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MYD88	MP021	Specimen Type	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MP021	Specimen Type	Alphanumeric		31208-2
36308	Final Diagnosis	Alphanumeric		82140-5
621251	MYD88 Cancel	Alphanumeric		77202-0

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81305

Reference Values:

Variant present or absent based on expected alteration polymerase chain reaction product size. Concurrent amplification of wild type MYD88 fragment determined for sample amplification integrity. MYD88 gene (NCBI accession NM_002468.4)