

Reporting Title: IDH1 and IDH2, Quant, ddPCR, V
Performing Location: Rochester

Shipping Instructions:

- 1. Refrigerated specimens **must arrive within 14 days of collection**, and ambient specimens **must arrive within 7 days of collection**.
- 2. Collect and package specimen as close to shipping time as possible.

Necessary Information:

The following information is required:

- 1. Pertinent clinical history
- 2. Date of collection
- 3. Specimen source (blood or bone marrow)

Specimen Requirements:

Submit only 1 of the following specimens

Specimen Type: Whole blood

Container/Tube:

Preferred: Lavender top (EDTA)

Acceptable: Yellow top (ACD-B) or green top (heparin)

Specimen Volume: 4mL

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: Refrigerated 14 days/ Ambient 7 days

Specimen Type: Bone marrow aspirate

Container/Tube:

Preferred: Lavender top (EDTA)

Acceptable: Yellow top (ACD-B) or green top (heparin)

Specimen Volume: 2mL

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: Refrigerated 14 days/ Ambient 7 days

Specimen Type: Extracted DNA from blood or bone marrow

Container/Tube: 1.5- to 2-mL tube with indication of volume and concentration of DNA

Specimen Volume: Entire specimen

Collection Instructions:

Test Definition: IDHQ

IDH1 (R132) and IDH2 (R140 and R172)
Quantitative Detection, Droplet Digital PCR,
Varies

1. Label specimen as extracted DNA and source of specimen
2. Indicate volume and concentration of DNA on label. The required volume of DNA is at least 50 mcL at a concentration of 50 ng/mcL

Specimen Stability: Frozen (preferred)/Refrigerated

Forms:

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

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	14 days	
	Ambient	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
IDHQ	MP063	Specimen Type: <ul style="list-style-type: none">Peripheral bloodBone marrowExtracted DNA from peripheral bloodExtracted DNA from bone marrow	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MP063	Specimen Type	Alphanumeric		31208-2
618389	Interpretation	Alphanumeric		69047-9
618390	Signing Pathologist	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

81120
81121

Reference Values:

An interpretive report will be provided.

Test Definition: IDHQ

IDH1 (R132) and IDH2 (R140 and R172)
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