
Overview**Method Name**

Fluorescence in situ Hybridization (FISH)

NY State Available

Yes

Specimen**Specimen Type**

Varies

Specimen Required

Submit only one of the following specimens:

Whole Blood**Specimen Type:** Whole Blood**Container/Tube:** Green-top (sodium heparin)**Specimen Volume:** 5 mL**Collection Instructions:** Draw blood in sodium heparin (green-top), send ambient**Bone Marrow****Specimen Type:** Bone Marrow**Container/Tube:** Green-top (sodium heparin)**Specimen Volume:** 3 mL**Collection Instructions:** Collect bone marrow in sodium heparin (green-top) tube, send ambient.**Reject Due To**

Hemolysis NA
 Lipemia NA
 Icteric NA
 Other

Specimen Minimum Volume

1 mL

Specimen Stability Information

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

Clinical & Interpretive
Clinical Information

FISH, MDS/Myeloid Panel, -5/5q-, -7/7q-, +8,20q- - Prognostic investigation in patients with myelodysplasia or other myeloid malignancies. Among the patients with myelodysplastic syndromes (MDS), 45-50% have a least one chromosome rearrangement, the most common of which can be detected using this fluorescence in situ hybridization (FISH) panel (-5/5q-, -7/7q-, +8,20q-). This panel of FISH probes can increase the detection rate of chromosome abnormalities at diagnosis and aid in follow-up testing for clinically significant chromosome abnormalities in MDS. The identification of the specific chromosome regions involved in a patient's disease may play a significant role in treatment decisions as MDS targeted therapies are developed.

Reference Values

An interpretive report will be provided

Performance
PDF Report

Referral

Performing Laboratory Location

Quest Diagnostics/Nichols Institute

Fees & Codes**Test Classification**

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

88271 x 6

88275 x 3

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
FFMDS	FISH, MDS, Panel	Not Provided

Result ID	Reporting Name	LOINC®
FFMDS	FISH, MDS, Panel	Not Provided