

New Test

3002063

Multiple Myeloma Panel by FISH

FISHMMP



Time Sensitive

Additional Technical Information



Oncology Test Request Form Recommended (ARUP form #43099)

Methodology: Fluorescence in situ Hybridization
Performed: Sun-Sat
Reported: 5-14 days

Specimen Required: Collect: Non-diluted bone marrow collected in a heparinized syringe. Also acceptable: Green (sodium heparin).
Specimen Preparation: Transfer 3 mL bone marrow to a green (sodium heparin) (Min: 1 mL). **OR** transport 5 mL whole blood (Min: 2 mL).
Storage/Transport Temperature: Room temperature.
Unacceptable Conditions: Frozen specimens. Paraffin-embedded specimens. Clotted specimens.
Stability (collection to initiation of testing): Ambient: 48 hours; Refrigerated: 48 hours; Frozen: Unacceptable

Reference Interval: By report

Interpretive Data:

See Compliance Statement A: www.aruplab.com/CS

Note: Fluorescence in situ hybridization (FISH) panel is performed on CD138+ sorted cells (assuming specimen is sufficient for sorting) for multiple myeloma prognosis-specific genomic abnormalities: 1q (*CKS1B*) gain/amplification/17p (*TP53*) loss/deletion, t(4;14) (*IGH/FGFR3* and *MMSET* fusion)+9/9q (*ASS1*) trisomy/gain, t(11;14) (*IGH/CCND1* fusion and/or +11), t(14;16) (*IGH/MAF* fusion), t(14;20) (*IGH/MAFB* fusion).

When this test is ordered in conjunction with a chromosome analysis, specimen prioritization will be given to FISH for the sorting of CD138+ cells. This could impact the successful completion of the chromosome analysis.

If sorting fails to yield sufficient CD138+ cells, testing will be performed using unsorted cells, if available.

A processing fee will be charged if this procedure is canceled at the client's request, after the test has been set up, or if the specimen integrity is inadequate to allow a complete analysis.

This test must be ordered using Oncology test request form #43099 or through your ARUP interface. Contact ARUP Genetics Processing for other specimen types or information and specific collection and transportation instructions.

CPT Code(s): 88271 x7; 88275 x7; 88291

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.