

Test Definition: MFCDF

Myeloma, High Risk with Reflex Probes,
Diagnostic FISH Evaluation, Fixed Cell Pellet

Reporting Title: Myeloma Fixed Cell, High Risk, FISH
Performing Location: Rochester

Ordering Guidance:

For the most complete genetic evaluation on fresh bone marrow specimens, order MPCDS / mSMART, Plasma Cell Proliferative Disorder, FISH, Bone Marrow.

For evaluation of high-risk abnormalities plus CCND1/IGH fusion on fresh bone marrow specimens, order PCPDS / Plasma Cell Proliferative Disorder, High Risk with Reflex Probes, Diagnostic FISH Evaluation, Bone Marrow.

For testing paraffin-embedded tissue samples from patients with a plasma cell disorder, order PLASF / Plasma Cell Proliferative Disorder, FISH, Tissue.

Testing will be changed to the appropriate test if this test is ordered on paraffin or a fresh bone marrow specimen.

Shipping Instructions:

Advise Express Mail or equivalent if not on courier service.

Necessary Information:

A reason for testing and a flow cytometry and/or a bone marrow pathology report should be sent with each specimen. The laboratory will not reject testing if this information is not provided, but appropriate testing and interpretation may be compromised or delayed. If this information is not provided, an appropriate indication for testing may be entered by Mayo Clinic Laboratories.

Specimen Requirements:

Container/Tube: Sterile container

Specimen Volume: 1 Fixed cell pellet

Collection Instructions: Place specimen in a sterile container with a 3:1 methanol:glacial acetic acid (or similar) fixative.

Forms:

If not ordering electronically, complete, print, and send a [Hematopathology/Cytogenetics Test Request](#) (T726) with the specimen.

Specimen Type	Temperature	Time	Special Container
Fixed Cell Pellet Bone Marrow	Ambient (preferred)		
	Refrigerated		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MFCDF	GC128	Reason for Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
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614300	Result Summary	Alphanumeric		50397-9
614301	Interpretation	Alphanumeric		69965-2
614302	Result Table	Alphanumeric		93356-4
614303	Result	Alphanumeric		62356-1
GC128	Reason for Referral	Alphanumeric		42349-1
614304	Specimen	Alphanumeric		31208-2
614306	Method	Alphanumeric		85069-3
614307	Additional Information	Alphanumeric		48767-8
614308	Disclaimer	Alphanumeric		62364-5
614309	Released By	Alphanumeric		18771-6
614305	Source	Alphanumeric		31208-2

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

Supplemental Report:

No

CPT Code Information:

88271x6, 88275x3, 88291 x1-FISH Probe, Analysis, Interpretation; 3 probe sets
88271x2, 88275x1-FISH Probe, Analysis; each additional probe set (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
MFCDB	Probe, Each Additional (MFCDF)	1	88271	No	No, (Bill Only)

Reference Values:

An interpretive report will be provided.