

Patient ID SA00148941	Patient Name TESTINGRNV, MFCDF-NORMAL	Birth Date 1944-11-02	Gender M	Age 76
Order Number SA00148941	Client Order Number SA00148941	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 13 Oct 2021 15:25		

Myeloma Fixed Cell, High Risk, FISH

Result Summary

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Normal

Interpretation

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The result is within normal limits for 1q duplication, TP53 deletion and IGH rearrangement.

If not previously performed at diagnosis, the Mayo Stratification for Myeloma and Risk Adapted Therapy algorithm (mSMART 3.0, www.msma.org/mm-treatment-guidelines) incorporating both FISH and monotypic plasma cell S-phase results can be performed on a new sample. If interested in this testing, call 800-533-1710.

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
-17p13.1(TP53x1,D17Z1x2)	Normal		<15.0
-17(TP53,D17Z1)x1	Normal		<10.0
+1q22(TP73x2,1q22x3)	Normal		<7.0
14q32(IGH sep)	Normal		<15.0

Result

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Interphase FISH is normal for all loci studied.

Reason for Referral

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multiple myeloma

Specimen

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Fixed Cell Pellet Bone Marrow

Source

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Left iliac crest

Method

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Locus and probes	[Strategy;#Nuclei;Class]
1p3(TP73), 1q22(1q22)	[COPY#;100;LDT]
14q32(3'IGH,5'IGH)	[BAP;100;LDT]
17p13(TP53), 17CEN(D17Z1)	[COPY#;100;AM]

Probe strategies include:
BAP=break-apart probe;
COPY#=region gain and loss.
Scoring Method: Manual

Probe vendors include:
LDT = Mayo Clinic Developed
AM = Abbott Molecular, Inc (Des Plaines, IL)

Disclaimer

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Applicable to Analyte Specific Reagent (ASR) and Laboratory Developed Tests (LDT). This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH test does not rule out other chromosome abnormalities.

Released By

MCR

Jess F. Peterson, M.D.

Received: 15 Oct 2021 07:43

Reported: 25 Oct 2021 10:54

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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