

Patient ID SA00149015	Patient Name TESTINGRNV, EOSMF-ABNORMAL	Birth Date 1971-10-28	Gender M	Age 49
Order Number SA00149015	Client Order Number SA00149015	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 14 Oct 2021 07:04		

Chronic Eosinophilia, Spec FISH

Result Summary

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Abnormal

Interpretation

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The result is abnormal and indicates 70% of nuclei have a CHIC2 deletion with associated FIP1L1/PDGFRα fusion. This result indicates persistence or recurrence of this patient's known CHIC2 deletion clone.

Clinical and pathologic correlation is recommended.

For monitoring response to therapy, FISH for CHIC2 deletion is available, test EOSMF [Chronic Eosinophilia, Spec FISH].

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
4q12(CHIC2 deletion)	Abnormal	70	<7.0

Result

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nuc ish(FIP1L1x2,CHIC2x1,PDGFRAx2)(FIP1L1 con PDGFRAx1)[70/100]

Reason for Referral

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Hx of CHIC2 deletion

Probes Requested

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CHIC2 deletion

Specimen

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Bone Marrow

Source

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Left posterior iliac crest

Method

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Locus and probes	[Strategy;#Nuclei;Class]
4q12(FIP1L1,CHIC2,PDGFRA)	[BAP;100;AM]

Probe strategies include:
BAP=break-apart probe.
Scoring Method: Manual

Probe vendors include:
AM = Abbott Molecular, Inc (Des Plaines, IL)

Additional Information

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Previous Studies

DATE	SPECIMEN	RESULT
03/21/2021	Marrow	FISH= CHIC2 deletion (25% of nuclei)

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 07:46

Reported: 25 Oct 2021 10:42

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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