

Patient ID C7028846-0006395	Patient Name TESTING, EOSFD-NORMAL	Birth Date 1991-05-15	Sex F	Age 33
Order Number X100498307	Client Order Number X100498307	Ordering Physician unknown	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 07 May 2025 08:00		

Chronic Eosinophilia pnl, Diag FISH

Result Summary

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Normal

Interpretation

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The result is within normal limits for the Eosinophilia FISH panel.

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
4q12(CHIC2 deletion)	Normal		<7.0
5q32(PDGFRB sep)	Normal		<15.0
9p24.1(JAK2 sep)	Normal		<10.0
9q34(ABL1 sep)	Normal		<15.0
13q12.2(FLT3 sep)	Normal		<15.0
8p11.2(FGFR1 sep)	Normal		<10.0

Result

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Interphase FISH is normal for all loci studied.

Reason for Referral

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eosinophilia

Specimen

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Bone Marrow

Source

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Left iliac crest

Method

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Locus and probes	[Strategy;#Nuclei;Vendor]
4q12(FIP1L1,CHIC2,PDGFRA)	[BAP;100;AM]
5q32(3'PDGFRB,5'PDGFRB)	[BAP;100;LDT]
8p11.2(3'FGFR1,5'FGFR1)	[BAP;100;LDT]
9p24(5'JAK2,3'JAK2)	[BAP;100;LDT]
9q34(5'ABL1,3'ABL1)	[BAP;100;LDT]
13q12.2(3'FLT3,5'FLT3)	[BAP;100;AT]

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

Probe vendors include:
LDT = Mayo Clinic Developed
AM = Abbott Molecular, Inc (Des Plaines, IL)
AT = Agilent Technologies (Santa Clara, CA)

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

Xinjie Xu, Ph.D.

Received: 13 May 2025 10:51

Reported: 21 May 2025 14:16

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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