

Patient ID SA00141308	Patient Name TESTINGRNA, VALIDATION	Birth Date 1999-09-19	Gender M	Age 21
Order Number SA00141308	Client Order Number SA00141308	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 06 Jan 2021 07:00		

FLT3 Mutation Analysis, V

Specimen Type

Peripheral blood

MCR

below for details.

FLT3 Result

see interpretation

MCR

Final Diagnosis:

Peripheral blood, FLT3 mutation analysis:

Negative. Neither expansion of the region susceptible to internal tandem duplication (FLT-ITD) nor changes involving codon D835 and/or I836 in the tyrosine kinase domain (FLT3-TKD) was detected.

Comment: Samples containing a percentage mutated nucleic acid below the established analytic sensitivity level may not be detected by this method. See section of Method Summary

1 MCR

Signing Pathologist: BENJAMIN BAILEY

ADDITIONAL INFORMATION

Method summary - Genomic DNA was extracted and a qualitative PCR-based assay performed that detects the presence of two separate mutations in the fms-related tyrosine kinase 3 gene (FLT3): (1) internal tandem duplication (ITD) of coding sequence in a susceptible region of the intracellular juxtamembrane domain and (2) point mutations in the codon for Asp835. Note: In positive cases with multiple FLT3-ITD peaks, the reported height reflects the total height of the ITD peaks in comparison to the height of the unmutated wild type peak. The analytic sensitivity of this assay is approximately 5% for FLT3-ITD and FLT3-D835. This assay does not detect ITD mutations greater than 420 bp in size.

Received: 07 Jan 2021 14:22

Reported: 07 Jan 2021 14:44

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292