



Patient ID SA00064085	Patient Name TESTINGRNV, KRASB NEG	Birth Date 2000-11-12	Gender M	Age 12
Order Number SA00064085	Client Order Number SA00064085	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 04 Nov 2013 12:00		

KRAS, Full Gene Sequence, B

KRAS, Full Gene Sequence

KRAS Full Gene Result

A pathogenic variant was not detected in KRAS.

MCR

A genetic consultation may be of benefit.

A list of common polymorphisms identified for this patient is available from the lab upon request.

CAUTIONS:

Rare polymorphisms exist that could lead to false negative or positive results. If results obtained do not match the clinical findings, additional testing should be considered.

Test results should be interpreted in the context of clinical findings, family history, and other laboratory data. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

If the patient has had an allogeneic blood or marrow transplant or a recent (i.e. less than 6 weeks from time of sample collection) heterologous blood transfusion these results may be inaccurate due to the presence of donor DNA. Laboratory developed test.

KRAS Full Gene Interpretation

MCR

This result does not rule out the diagnosis of Noonan syndrome or other KRAS-associated syndrome. Some individuals with features of Noonan syndrome or other KRAS-associated syndrome and involvement of the KRAS gene may have a pathogenic variant that is not identified by the described testing methodology. In addition, some individuals with this phenotype may have a pathogenic variant in a gene other than KRAS, including PTPN11, SOS1, and RAF1. If applicable, please contact the laboratory at 1-800-533-1710 or the on-line test catalog at www.mayomedicallaboratories.com for information about how to order the tests for PT11 (PTPN11, Full Gene Sequence, B), SOS1 (SOS1, Full Gene Sequence, B), and/or RAF1 (RAF1, Full Gene Sequence, B).

ADDITIONAL INFORMATION

Fluorescent DNA sequence analysis was used to test for the presence of variants in all coding exons and corresponding exon-intron boundaries of the KRAS gene. The GenBank mRNA sequence references are: NM_004985.3, KRAS Isoform B (used to report variants in exons 2, 3, 4, and 6) and NM_033360.2, KRAS Isoform A (used to report variants in exon 5).

Reviewed By

MCR

Linnea M. Baudhuin, Ph.D.

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Performing Site Legend

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MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905