MAYO CLINIC
Mayo Medical Laboratories

1-800-533-1710

KRASB

KRAS, Full Gene Sequence, Blood

Patient ID	Patient Name		Birth Date	Gender	Age
SA00064086	TESTINGRNV, KRASB POS		2000-11-12	M	12
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00064086	SA00064086	Client, Client			
Account Information		**Collected**			
C7028846 DLMP Rochester		04 Nov 2013 12:00			

KRAS, Full Gene Sequence, B

KRAS, Full Gene Sequence

KRAS Full Gene Result

MCR

A heterozygous pathogenic variant was detected in KRAS:
Exon 2, nucleotide c.101C>T, amino acid p.Phe34Leu (p.P34L).

KRAS Full Gene Interpretation

MCR

The presence of this KRAS variant is consistent with the phenotypic features observed in this patient. Appropriate surveillance and management strategies should be considered.

Since a pathogenic variant has been identified in the KRAS gene in this individual, genetic testing for this specific variant in other family members is recommended. 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 test KRASK (KRAS Gene, Known Mutation, B). Please refer to family number 1234 when ordering testing on family members of this individual.

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).

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.

Reviewed By

MCR

Linnea M. Baudhuin, Ph.D.

Received: 05 Nov 2013 14:31 **Reported:** 06 Nov 2013 07:49

Performing Site Legend

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