

Patient ID SA00064082	Patient Name TESTINGRNV, KRASK NEG	Birth Date 1975-11-10	Gender F	Age 37
Order Number SA00064082	Client Order Number SA00064082	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 04 Nov 2013 06:00		

KRAS Gene, Known Mutation, B

KRAS Gene, Known Mutation

KRAS Known Mutation Result

MCR

The KRAS Exon 2, nucleotide c.101C>T, amino acid p.Phe34Leu (p.P34L) familial mutation was not detected in this individual.

KRAS Known Mut Interpretation

MCR

The KRAS p.Phe34Leu (p.P34L) variant was previously identified in a family member with features of Noonan syndrome. Since this variant was not detected in this individual, this suggests that this patient is at no greater risk than someone in the general population for having Noonan syndrome.

ADDITIONAL INFORMATION

Fluorescent DNA sequence analysis was used to test for the presence of a specific sequence change in the KRAS gene (GenBank accession number NM_004985.3, KRAS Isoform B (used to report variants in exons 2, 3, 4, and 6) or NM_033360.2 KRAS Isoform A (used to report variants in exon 5)), which was previously identified in an affected family member of this individual.

A genetic consultation may be of benefit.

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 14:13

Reported: 06 Nov 2013 07:46

Performing Site Legend

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