

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 8/18/1963
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

CALR (Calreticulin) Exon 9 Mutation Analysis by PCR

ARUP test code 2010673

CALR Exon 9 Mutation Analysis - Result

Detected *

Fragment length-based testing demonstrates a 5 base pair insertion in the CALR gene consistent with a CALR type 2 or type 2-like mutation.

This result has been reviewed and approved by [REDACTED]

Background Information: CALR (Calreticulin), Exon 9 Mutation Analysis by PCR

This test is designed to detect CALR exon 9 insertion/deletion mutations. Insertion/deletion mutations in exon 9 of the CALR gene result in a frameshift and are found in the majority of cases of myeloproliferative neoplasms essential thrombocythemia (ET) and primary myelofibrosis (PMF) that lack JAK2 V617F mutations.

Methodology:
Genomic DNA is isolated from either whole blood or bone marrow. PCR followed by capillary electrophoresis is performed to detect CALR exon 9 insertion/deletion mutations.

Limitations:
Mutations in other locations within the CALR gene or mutations in other genes will not be detected.

The limit of detection for this test is 5 percent mutant alleles for canonical type 1 or 2-like variants and common noncanonical variants. The 1-bp deletion variant in Exon 9 cannot be detected or reported due to the limitation of the methods.

Results of this test must always be interpreted within the clinical context and other relevant data and should not be used alone for a diagnosis of malignancy.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
CALR Exon 9 Mutation Analysis - Result	23-195-401752	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical