

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** [REDACTED]  
**Sex:** [REDACTED]  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**KRAS Mutation Detection**

ARUP test code 0040248

KRAS Mutation Detection

**Positive \***

A mutation in KRAS codon 12 was detected: c.34G>T, p.G12C  
This result has been reviewed and approved by [REDACTED]

INTERPRETIVE INFORMATION: KRAS Mutation Detection

Oncogenic KRAS mutations have been linked with resistance to anti-EGFR therapies. Thus, determination of mutation status is useful in determining patient eligibility for this treatment.

Methodology: DNA is isolated from microdissected tumor tissue and amplified for segments of the KRAS gene covering codons 12, 13, and 61. Mutation status for these three codons is determined by pyrosequencing.

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

Limit of detection: 10 percent mutant alleles.

Clinical Disclaimer: 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 is not intended to detect minimal residual disease.

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

Block ID

[REDACTED]  
Collection date/time has been modified to: DEC/29/21 09:31:00.  
Previous collection date/time: DEC/29/22 09:31:00.  
Corrected from [REDACTED] [NA] on 01/14/22 17:29:48 MST by [REDACTED]

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
KRAS Mutation Detection	22-363-100007	12/29/2021 9:31 00 AM	1/8/2022 2:55:36 PM	1/21/2022 6:06:00 AM
Block ID	22-363-100007	12/29/2021 9:31 00 AM	1/8/2022 2:55:36 PM	1/14/2022 5:30:00 PM

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

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-363-100007  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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END OF CHART

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

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*Unless otherwise indicated, testing performed at:*

**ARUP LABORATORIES | 800-522-2787 | [aruplab.com](http://aruplab.com)**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
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Visit Number (FIN): 01234567890ABCD  
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