

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/27/1944
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

EGFR Mutation Detection by Pyrosequencing

ARUP test code 2002440

EGFR by Pyrosequencing

Pos Exon 21 *

A mutation in EGFR exon 21 was detected: c.2573T>G, p.L858R

This result has been reviewed and approved by [REDACTED]

TEST INFORMATION: EGFR Mutation Detection by Pyrosequencing

Determining EGFR mutation status is useful in identifying patient eligibility for tyrosine kinase inhibitor (TKI) therapy. Specific oncogenic EGFR mutations in pulmonary adenocarcinomas are associated with clinical response or resistance to certain TKIs.

Methodology: DNA is isolated from microdissected tumor tissue and amplified for segments of the EGFR gene covering codons 719, 745-753, 768, 790, 858, and 861. Mutation status for these codons is determined by pyrosequencing.

Limitations: Mutations in other locations within the EGFR 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 the 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

05M23-114 C1

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
EGFR by Pyrosequencing	23-093-400390	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Block ID	23-093-400390	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

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: 23-093-400390
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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