

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 3/14/1970
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

EGFR T790M Mutation Detection in Circulating Tumor DNA by Digital Droplet PCR

ARUP test code 2012868

EGFR T790M Result

Detected *

This result has been reviewed and approved by

A T790M mutation was detected in the EGFR gene. The mutant allele frequency is 7.93 percent.

BACKGROUND INFORMATION: EGFR T790M Mutation Detection in Circulating Cell-Free DNA by Digital Droplet PCR

Determining EGFR mutation status is useful in identifying patient eligibility for tyrosine kinase inhibitor (TKI) therapy. Clinical resistance to initial generation TKI's and subsequent response to newer generation TKI's have been associated with the T790M mutation.

Methodology: Circulating DNA is extracted and amplified. Mutation status and quantitation for EGFR T790M is determined by digital droplet PCR.

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

Limit of Detection: Based upon amplifiable DNA, the limit of detection ranges from 0.5% to less than 0.02% 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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
EGFR T790M Result	20-225-402052	8/11/2020 3:24:00 PM	8/13/2020 10:07:00 AM	8/19/2020 10:38:00 AM

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: 20-225-402052
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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