**EGFR Mutation Detection by Pyrosequencing**

**ARUP test code 2002440**

<table>
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**EGFR by Pyrosequencing**

No EGFR mutation was detected. This result does not rule out the possibility of a mutation below the detectable limit of the assay.

This result has been reviewed and approved by Parisa Khalili, M.D.

**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.

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

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**H=High, L=Low, *=Abnormal, C=Critical**
### VERIFIED/REPORTED DATES

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