

Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Molecular Diagnostics



EGFR Real time PCR Assay

Specimen : Received one Formalin-Fixed paraffin-embedded (FFPE) Block,
Labeled as S-1194/23-B

RESULTS

EXON	MUTANT	WILD TYPE	INTERPRETATION
EXON 18	Not detected	Detected	Negative
EXON 19	Not detected	Detected	Negative
EXON 20	Not detected	Detected	Negative
EXON 21	Not detected	Detected	Negative

LIST OF MUTATION

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017
 Booking Centre :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017
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Max Super Speciality Hospital, Saket (West Block), 1, Press Enclave Road, Saket, New Delhi - 110 017, Phone: +91-11-6611 5050
 (CIN No.: U85100DL2021PLC381826)

Helpline No. 7982 100 200 www.maxlab.co.in feedback@maxlab.co.in

Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.



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EGFR Molecular Mutation Tested		Molecular Diagnostics	
Exon 18		EGFR Molecular Mutation Tested	
Mutation	Base Change	Deletion	2238_2255del18
G719A	2156G>C	Deletion	2235_2249del15
G719S	2155G>A	Deletion	2236_2250del15
G719C	2155G>T	Deletion	2239_2253del15
Exon 19		Deletion	2239_2256del18
Mutation	Base Change	Exon 20	
Deletion	2237_2255>T	Mutation	Base Change
Deletion	2239_2258>CA	S768I	2303G>T
Deletion	2238_2252>GCA	Insertion	2307_2308insGCCAGCGTG
Deletion	2238_2248>GC	Insertion	2310_2311insGGT
Deletion	2235_2252>AAT	Insertion	2319_2320insCAC
Deletion	2237_2251del15	T790	2369C>T
Deletion	2239_2247del9	Exon 21	
Deletion	2236_2253del18	Mutation	Base Change
Deletion	2237_2254del8	L858R	2573T>G
Deletion	2240_2251del8	L861Q	2582T>A

Intended Use:

- This test is intended to be used and be interpreted in conjunction with all other available clinical and laboratory information when evaluating anti-EGFR treatment options for non-small cell lung cancer patients.
- The test is validated for use with NSCLC FFPE tissue specimens that contain at least 10% tumor area, or that can be enriched to that tumor content in the course of a histological specimen review.

Assay Description and Methodology:

- Formalin-fixed, paraffin embedded tumor tissue sections are deparaffinized and DNA is extracted using the QIAamp DNA FFPE Tissue Kit Mutated EGFR oncogenes are detected using Real Time PCR Kit which is an ultra-sensitive assay to detect somatic mutations in exons 18, 19, 20 and 21 of EGFR.
- Analytical sensitivity of EGFR mutation analysis ranges from 1.26 to 7.02, with 100% specificity.

CAUTIONS:

- Rare polymorphisms exist that could lead to false negative or false positive results.
- This result does not rule out the possibility of the presence of a mutation below the limits of detection for this assay or a mutation of the gene that is not part of this panel.

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Molecular Diagnostics

SIN No:MS0791177

Kindly correlate with clinical findings

***** End Of Report *****

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Associate Director &
Manager Quality



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