

Laboratory Service Report

1-800-533-1710

Patient Name SAMPLEREPORT,EGFRX	Patient ID SA00054272	Age 57	Gender M	Order # SA00054272
Ordering Phys CLIENT,CLIENT		'	•	DOB 06/15/1955
Client Order # SA00054272	Account Information			Report Notes
Collected 02/27/2013	C7028846-DLMP Rochester 3050 Superior Drive			
Printed 03/12/2013 14:00	Rochester, MN 55901			

Test	Flag	Results	Unit	Reference Value	Perform Site
Cancer, EGFR with ALK Reflex			REPORTED 0	2/27/2013 15:58	
Specimen		Tissue-Tumor			MCR
Specimen ID		1039517			MCF
Order Date		27 Feb 2013 08:06			MCR
Reason for Referral					MCF
Evaluate tumor DNA for pre	sence of a mu	tation in exons 18-21			
of the EGFR gene.					
Method					MCR
Microscopic examination wa	s performed b	y a pathologist to			
identify areas of tumor fo	or enrichment	by macrodissection.			
A PCR based assay employing	ng allele spec	cific amplification			
was used to test for the p	resence of 29	mutations within			
exons 18-21 of the EGFR ge					
18; small deletions in exc		•			
insertions in exon 20; and		~			
Mutation nomenclature is k NM005228.3.	pased on GenBa	ank accession number;			
Result					MCR
Tumor type: Non-small o	ell lung cand	cer			
EGFR status: Mutant: A m	utation was d	letected at codon			
Gly719					
Interpretation					MCF
Current data suggests that	patients wit	th non small cell lung			
cancer with mutations in t	he tyrosine k	inase domain (exons			
18-21) of EGFR may respond	l to EGFR tyro	sine kinase inhibitor			
therapies. Therefore, the	detection of	an EGFR mutation			
within this tumor specimer	suggests tha	at this patient may			
respond to such therapies.					

The predictive value of EGFR testing applies to EGFR tyrosine kinase inhibitor therapies, not to other therapeutic agents. Additionally, please note that not all patients that have mutant EGFR tumors respond to EGFR tyrosine kinase inhibitor therapies.

It is estimated that this panel detects greater than 95% of pathogenic mutations (exons 18-21) associated with response/resistance to EGFR targeted therapies.

Consideration of these results, in light of other clinical information, may aid in clinical management decisions for this patient.

CAUTIONS:

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status	
SAMPLEREPORT,EGFRX	02/27/2013	Final	
Page 1 of 2	** Reprinted **	>> Continued on Next Page >>	



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Test Flag Results Unit Value Site*

Rare polymorphisms exist that could lead to false negative or false positive results. Test results should be interpreted in context of clinical findings, tumor sampling, and other laboratory data. If results obtained do not match other clinical or laboratory findings, please contact the laboratory for possible interpretation. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

For research use only.

Reviewed By:

Kandelaria Margarita Rumilla MD

Release Date 27 Feb 2013 15:55

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

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SAMPLEREPORT,EGFRX	02/27/2013	Final	
Page 2 of 2	** Reprinted **	** End of Report **	