

Reporting Title: EGFR with ALK Reflex, Tumor  
Performing Location: Rochester

Specimen Requirements:  
Pathology report must accompany specimen in order for testing to be performed.

Preferred:  
Specimen Type: Tissue  
Container/Tube: Tissue block  
Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block.

Acceptable:  
Specimen Type: Tissue  
Container/Tube: Slides  
Specimen Volume: 12 unstained, positively charged, unbaked slides or 2 hematoxylin and eosin-stained slides (will not be returned) and 10 unstained, positively charged, unbaked slides  
Collection Instructions: Submit 12 unstained, positively charged, unbaked slides cut at 5-microns or 2 hematoxylin and eosin-stained slides and 10 unstained, positively charged, unbaked slides with 5-micron thick sections of the tumor tissue.

Forms:  
If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:  
[Molecular Genetics: Inherited Cancer Syndromes Patient Information](#) (T519)  
[Oncology Test Request](#) (T729)

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
616130	Result Summary	Alphanumeric		50397-9
616131	Result	Alphanumeric		21665-5
616132	Interpretation	Alphanumeric		69047-9
616133	Specimen	Alphanumeric		31208-2
616134	Source	Alphanumeric		31208-2
616135	Tissue ID	Alphanumeric		80398-1
616136	Released By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81235-EGFR (epidermal growth factor receptor) (eg, non-small cell lung cancer) gene analysis, common variants(eg, exon 19 deletions, L858R, T790M, G719S, L861Q)

88381-Microdissection, manual

88271 x 2-DNA Probe (if appropriate)

88274-Interphase in situ hybridization (if appropriate)

88291-Interpretation and report (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
_PBCT	Probe, +2	1	88271	No	No, (Bill Only)
_PADD	Probe, +1	1	88271	No	No, (Bill Only)
_PB02	Probe, +2	1	88271	No	No, (Bill Only)
_PB03	Probe, +3	1	88271	No	No, (Bill Only)
_IL25	Interphases, <25	1	88274	No	No, (Bill Only)
_I099	Interphases, 25-99	1	88274	No	No, (Bill Only)
_I300	Interphases, >=100	1	88275	No	No, (Bill Only)
LCAF	ALK (2p23), Lung Cancer, FISH, Ts	1	88271	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
LCAF	52115	Result Summary	Alphanumeric		50397-9
LCAF	52117	Interpretation	Alphanumeric		78210-2
LCAF	54580	Result	Alphanumeric		62356-1
LCAF	CG740	Reason for Referral	Alphanumeric		42349-1
LCAF	52118	Specimen	Alphanumeric		31208-2
LCAF	52119	Source	Alphanumeric		31208-2
LCAF	52120	Tissue ID	Alphanumeric		80398-1
LCAF	52121	Method	Alphanumeric		85069-3
LCAF	55023	Additional Information	Alphanumeric		48767-8
LCAF	52122	Released By	Alphanumeric		18771-6
LCAF	53835	Disclaimer	Alphanumeric		62364-5

Reference Values:

An interpretive report will be provided.