

EGFR (Epidermal Growth Factor Receptor)
Mutation Analysis (TK Domain)

Order Name: **EGFR MUTAT**
Test Number: 9103095
Revision Date: 10/01/2022

TEST NAME		METHODOLOGY	LOINC CODE
EGFR (Epidermal Growth Factor Receptor) Mutation Analysis (TK Domain)		Polymerase Chain Reaction	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	Block	Tissue	Paraffin Block	Room Temperature
Instructions	Formalin fixed paraffin embedded tissue. Tissue source and block ID containing tumor are required on the requisition form. Pathology permission is required for any alternate sample types.			

GENERAL INFORMATION	
Testing Schedule	Tue and Thr
Expected TAT	5-7 Days
Clinical Use	This is a DNA PCR amplification test to identify patients with mutations in the TK domain of the EGFR gene (exons 18-21). With this information, physicians will be able to select those patients who are most likely to respond to targeted lung cancer therapy, including Iressa and Tarceva. Physicians can also use this information to predict drug resistance as identified by those patients who do not have those mutations or who have a mutation that confers resistance.
CPT Code(s)	(Pre-Authorization Required) 81235, plus G0452 for Molecular Pathology Interpretation, possible 88381 for Microdissection
Lab Section	Molecular Diagnostic