

KRAS Mutation Analysis (K-ras)

Order Name: **KRAS MUTAT**

Test Number: 9100040

Revision Date: 10/01/2022

TEST NAME		METHODOLOGY	LOINC CODE
KRAS Mutation Analysis (K-ras)		Polymerase Chain Reaction	21702-6

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	See Below	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	Wednesday
Expected TAT	7-10 Days
Clinical Use	The presence of a KRAS mutation has been shown to confer resistance to anti-EGFR chemotherapy in both colorectal carcinoma and non-small cell lung adenocarcinomas. (Mutations detected: 12CYS, 12VAL, 12ASP, 12ALA, 12SER, 13ASP)
Notes	<p>Fresh Tissue may be submitted for processing in our histology department or tissue blocks may be used from earlier hospital stays or other encounters, but the KRAS Mutation order should be placed on the patient's current encounter specific to the ordering physician and client account.</p> <p>Please submit Pre-Authorization form when the patient has United Healthcare insurance.</p>
CPT Code(s)	(Pre-Authorization Required) 81275, plus G0452 for Molecular Pathology Interpretation, possible 88381 for Microdissection
Lab Section	Molecular Diagnostic