PIK3CA Mutation Analysis

Order Name: **PIK3CA Mutat**
Test Number: 6907417
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
PIK3CA Mutation Analysis	Polymerase Chain Reaction/Sequencing	60034-6

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**1 Block**	**Tissue**	**Paraffin Block**	**Room Temperature**
Alternate 1	**See Instructions**	**Tissue**	**See Instructions**	**Room Temperature**

Instructions

Notes: 3 unstained slides at 4-5m and one matching H&E-stained slide or 4 unstained slides. Resection or Surgical Biopsies require > or =10% tumor content. Core Needle Biopsies require a minimum of > or = 20 mm2 tumor area total available for extraction. Minimum
Specimen Type: FFPE block or slides
Specimen Storage: Maintain blocks/slides at room temperature.
Specimen Collection: Ship specimen at room temperature. Please direct any questions regarding this test to customer service at 800-345-4363.
Special Instructions: Please provide a copy of the pathology report. Testing will be delayed if the pathology report is NOT received. Please direct any questions regarding this test to customer service at 800-345-4363.
Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available

GENERAL INFORMATION

Expected TAT	7 days from setup
Clinical Use	PIK3CA Mutation Analysis - PIK3CA mutation has been associated with poor prognosis in endometrial, breast and colorectal cancers. Mutations in exons 9 and 20 of PIK3CA ave also been associated with resistance to cetuximab therapy in patients with colorectal cancer.
Performing Labcorp Test Code	485113
Notes	The therascreen PIK3CA RGQ PCR Kit is a real-time qualitative PCR in vitro diagnostic test, performed on the Rotor-Gene Q MDx (US) instrument. It uses allele refractory mutation system (ARMS) primers, hydrolysis probes and PCR clamp technologies to detect 11 mutations in exons 7, 9 and 20 of the PIK3CA oncogene against a background of wild-type gDNA. Labcorp Test Code: 485113
CPT Code(s)	88381, 0155U
Lab Section	Reference Lab