

PIK3CA Mutation Analysis


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

TEST NAME	METHODOLOGY	LOINC CODE
PIK3CA Mutation Analysis	<u>Polymerase Chain Reaction/Sequencing</u>	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	<p>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</p> <p>Specimen Type: FFPE block or slides</p> <p>Specimen Storage: Maintain blocks/slides at room temperature.</p> <p>Specimen Collection: Ship specimen at room temperature. Please direct any questions regarding this test to customer service at 800-345-4363.</p> <p>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.</p> <p>Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available</p>			

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.
Notes	The thescreen 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
Service Provided By	 labcorp Oklahoma, Inc.