

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 theascreen 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 |