

## 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    | <b>1 Block</b>  | <b>Tissue</b> | <b>Paraffin Block</b>   | <b>Room Temperature</b> |
| Alternate 1  | <b>See Instructions</b>   | <b>Tissue</b> | <b>See Instructions</b> | <b>Room Temperature</b> |
| Instructions | <p><b>Notes:</b> 3 unstained slides at 4-5m and one matching H&amp;E-stained slide or 4 unstained slides. Resection or Surgical Biopsies require &gt; or =10% tumor content. Core Needle Biopsies require a minimum of &gt; or = 20 mm<sup>2</sup> tumor area total available for extraction. Minimum Specimen Type: FFPE block or slides</p> <p><b>Specimen Storage:</b> Maintain blocks/slides at room temperature.</p> <p><b>Specimen Collection:</b> Ship specimen at room temperature. Please direct any questions regarding this test to customer service at 800-345-4363.</p> <p><b>Special Instructions:</b> 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><b>Specimen Stability:</b> 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.   |
| 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.<br>Labcorp Test Code: 485113 |
| CPT Code(s)                  | 88381, 0155U  |
| Lab Section                  | Reference Lab   |