

GENETIC DISEASES EVALUATION CENTER

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Test Name & Code:

- **Test Name:** *PIK3CA* Gene Mutations
- **Test Code:** 5741

Related Diseases & Genes:

- “Breast cancer, somatic” (OMIM #: 114480) || Gene: *PIK3CA* (OMIM #: 171834)
- “Colorectal cancer, somatic” (OMIM #: 114500)
- “Gastric cancer, somatic” (OMIM #: 613659)
- “Hepatocellular carcinoma, somatic” (OMIM #: 114550)
- “Nonsmall cell lung cancer, somatic” (OMIM #: 211980)

Synonyms:

- “PHOSPHATIDYLINOSITOL 3-KINASE, CATALYTIC, 110-KD, ALPHA”
- p110-ALPHA
- PI3K-ALPHA
- PIK3-ALPHA

Test Details:

- **Methodology:** DNA Sequencing
- **Performed:** Everyday
- **Reported:** 2 weeks

Specimen Details:

- **Specimen Collection:** Tumour Tissue
- **Container:** “Fresh tissue in a sterile tube; or, Paraffin block”
- **Specimen Volume/Amount:** 5 cross-sections of 5 um

Test Information:

Exon 9 and 20

Testing Area(s):

- Oncogenetics
- Pharmacogenetics

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