

## Human PIK3CA (Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform) ELISA Kit | PIK3CA elisa kit

Human PIK3CA (Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform) QuickTest ELISA Kit

CATALOG #  
**AAA252533**

REACTIVITY  
**Human**

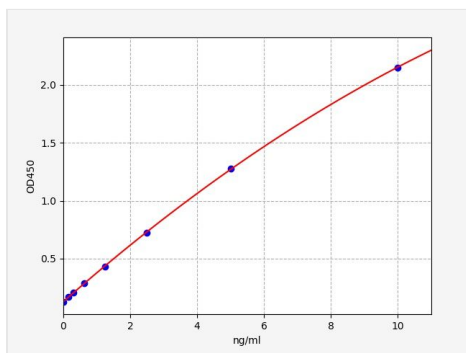
### PRODUCT SYNONYMS

PIK3CA (Phosphatidylinositol-4; 5-bisphosphate 3-kinase catalytic subunit alpha isoform); Human PIK3CA (Phosphatidylinositol-4; 5-bisphosphate 3-kinase catalytic subunit alpha isoform) QuickTest ELISA Kit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase catalytic subunit alpha isoform; PI3-kinase subunit alpha; PI3K-alpha; PI3Kalpha; PtdIns-3-kinase subunit alpha; 5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; PtdIns-3-kinase subunit p110-alpha; p110alpha; Phosphoinositide 3-kinase alpha; Phosphoinositide-3-kinase catalytic alpha polypeptide; Serine/threonine protein kinase PIK3CA; PIK3CA; PIK3CA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                 |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                       |
| Samples                 | Serum, plasma, cell culture supernatant, cell lysate or tissue lysate, other biological fluid samples |
| Detection Range         | 0.156-10ng/ml                                                                                         |
| Sensitivity             | 0.094ng/ml                                                                                            |
| Time                    | 120 minutes                                                                                           |
| Preparation and Storage | Store at 2-8 degree C for 12 months                                                                   |

### IMAGES



Standard Curve (Sample)

### NCBI AND UNIPROT INFORMATION

|                         |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| NCBI GI #               | 126302584                                                                      |
| NCBI GeneID             | 5290                                                                           |
| UniProt Accession #     | P42336; Q14CW1; Q99762                                                         |
| Molecular Weight        | 1068                                                                           |
| NCBI Official Full Name | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform |

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Full Names | phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha                                                                                                                                                                                         |
| NCBI Official Symbol             | PIK3CA                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | MCM; CWS5; MCAP; PI3K; CLOVE; MCMTc; p110-alpha                                                                                                                                                                                                                 |
| NCBI Protein Information         | phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform; PI3K-alpha; PI3-kinase p110 subunit alpha; ptdIns-3-kinase subunit p110-alpha; serine/threonine protein kinase PIK3CA; phosphatidylinositol 3-kinase, catalytic, 110-KD, alpha; |
| UniProt Protein Name             | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform                                                                                                                                                                                  |
| UniProt Gene Name                | <b>PIK3CA</b>                                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | PI3-kinase subunit alpha; PI3K-alpha; PI3Kalpha; PtdIns-3-kinase subunit alpha; PtdIns-3-kinase subunit p110-alpha; p110alpha                                                                                                                                   |
| UniProt Entry Name               | PK3CA_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pik3ca-phosphatidylinositol-45-bisphosphate-3-kinase-catalytic-subunit-alpha-isoform/252533>