Human Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta isoform ELISA Kit | PIK3CD elisa kit

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CATALOG #	REACTIVITY
AAA98219	**Human**

PRODUCT SYNONYMS

Phosphatidylinositol-4; 5-bisphosphate 3-kinase catalytic subunit delta isoform; Human Phosphatidylinositol-4; 5-bisphosphate 3-kinase catalytic subunit delta isoform ELISA Kit; PIK3CD/Phosphatidylinositol-4; 5-bisphosphate 3-kinase catalytic subunit delta isoform/PI3-kinase subunit delta/PI3K-delta/PI3Kdelta/PtdIns-3-kinase subunit delta/Phosphatidylinositol-4; 5-bisphosphate 3-kinase 110 kDa catalytic subunit delta/PtdIns-3-kinase subunit p110-delta/p110delta; PIK3CD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1044
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIK3CD elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PIK3CD antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PIK3CD antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PIK3CD amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PIK3CD can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156564405
NCBI GeneID	5293
NCBI Accession #	NP_005017.3

NCBI GenBank Nucleotide #	NM_005026.3
Molecular Weight	33,107 Da
NCBI Official Full Name	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform
NCBI Official Synonym Full Names	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta
NCBI Official Symbol	PIK3CD
NCBI Official Synonym Symbols	APDS; PI3K; IMD14; p110D; P110DELTA
NCBI Protein Information	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform
UniProt Gene Name	**PIK3CD**
UniProt Synonym Gene Names	PI3-kinase subunit delta; PI3K-delta; PI3Kdelta; PtdIns-3-kinase subunit delta; PtdIns-3-kinase subunit p110-delta; p110delta
UniProt Entry Name	PK3CD_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/pik3cd-human-elisa-kits/phosphatidylinositol-45-bisphosphate-3-kinase-catalytic-subunit-delta-isoform/98219