

Human PIK3C3 (Phosphoinositide-3-Kinase Class 3) ELISA Kit | PIK3C3 elisa kit

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CATALOG #
AAA273328

REACTIVITY
Human

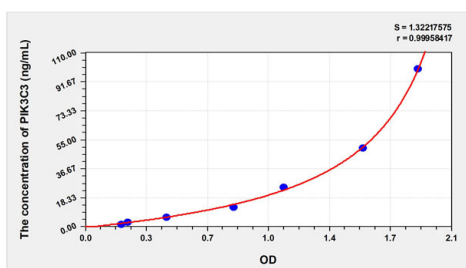
PRODUCT SYNONYMS

PIK3C3 (Phosphoinositide-3-Kinase Class 3); Human PIK3C3 (Phosphoinositide-3-Kinase Class 3) ELISA Kit; Vps34; Phosphatidylinositol 3-kinase p100 subunit; Phosphatidylinositol 3-kinase catalytic subunit type 3; PIK3C3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PIK3C3. No significant cross-reactivity or interference between Human PIK3C3 and analogues was observed.
Assay Type	Sandwich
Detection Range	1.57-100 ng/mL
Sensitivity	0.59 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIK3C3 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Phosphoinositide-3-Kinase Class 3(PIK3C3). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Phosphoinositide-3-Kinase Class 3(PIK3C3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Phosphoinositide-3-Kinase Class 3(PIK3C3), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Phosphoinositide-3-Kinase Class 3(PIK3C3) in the samples is then determined by comparing the OD of the samples to the standard curve.

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://www.aaabiotech.com/human-elisa-kits/pik3c3-phosphoinositide-3-kinase-class-3/273328>