

Human PI3 (Elafin) ELISA Kit | PI3 elisa kit

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CATALOG #
AAA277545

REACTIVITY
Human

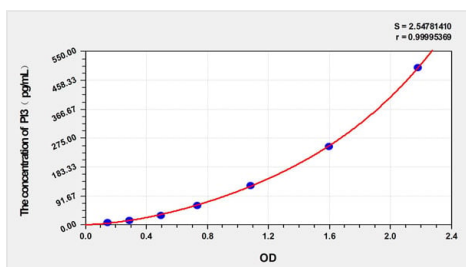
PRODUCT SYNONYMS

PI3 (Elafin); Human PI3 (Elafin) ELISA kit; Cementoin; ELAF_HUMAN; Elafin; Elafin/Skalp; Elastase Specific Inhibitor; Elastase-specific inhibitor; ES 1; ESI; Peptidase inhibitor 3; skin derived; PI 3; PI-3; PI3; Pre elafin; Protease inhibitor 3 skin derived; Protease inhibitor 3; skin derived (SKALP); Protease inhibitor WAP3; SKALP; Skin derived Anti leukoproteinase; Skin-derived antileukoproteinase; Trappin 2; WAP four disulfide core domain 14; WAP four disulfide core domain protein 14; WAP four-disulfide core domain protein 14; WAP3; WFDC14; PI3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PI3. No significant cross-reactivity or interference between Human PI3 and analogues was observed.
Assay Type	Sandwich
Detection Range	7.82-500 pg/ml
Sensitivity	2.7 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PI3 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 PI3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to PI3. 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 PI3, 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 ± 10nm. The concentration of PI3 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PI3 elisa kit

[Enzyme & Kinase](#)

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/pi3-elafin/277545>