

Human Elafin ELISA Kit | PI3 elisa kit

Human Elafin ELISA Kit

CATALOG #
AAA193937

REACTIVITY
Human

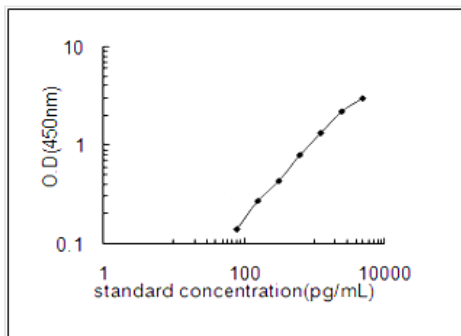
PRODUCT SYNONYMS

Elafin; Human Elafin ELISA Kit; Elastase-specific inhibitor; ESI; Peptidase inhibitor 3; PI-3; Protease inhibitor WAP3; Skin-derived antileukoproteinase; SKALP; WAP four-disulfide core domain protein 14; PI3; WAP3; PI3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Elafin. No significant cross-reactivity or interference was observed.
Sequence Length	117
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	34pg/mL
Intra-Assay CV	<=8.4%
Inter-Assay CV	<=10.6%
Recovery	110%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PI3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human elafin,Elafin concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Elafin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Elafin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Elafin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Elafin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505787
NCBI GeneID	5266
NCBI Accession #	NP_002629.1
NCBI GenBank Nucleotide #	NM_002638.3
UniProt Accession #	P19957; Q6FG74; E1P618
Molecular Weight	12,270 Da
NCBI Official Full Name	elafin preproprotein
NCBI Official Synonym Full Names	peptidase inhibitor 3
NCBI Official Symbol	PI3
NCBI Official Synonym Symbols	ESI; WAP3; SKALP; WFDC14; cementoin
NCBI Protein Information	elafin
UniProt Protein Name	Elafin
UniProt Gene Name	PI3
UniProt Synonym Gene Names	WAP3; WFDC14; ESI; PI-3; SKALP
UniProt Entry Name	ELAF_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pi3-human-elisa-kits/elafin/193937>