

Human Prefoldin subunit 4 (PFDN4) ELISA Kit | PFDN4 elisa kit

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CATALOG #
AAA245646

REACTIVITY
Human

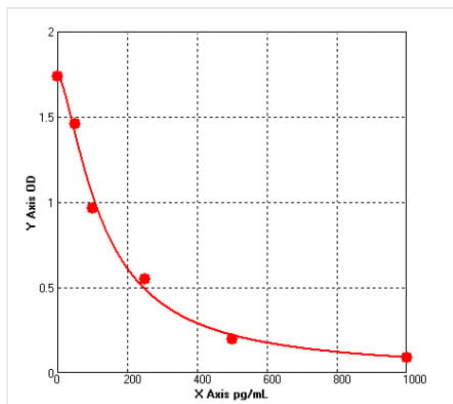
PRODUCT SYNONYMS

Prefoldin subunit 4 (PFDN4); Human Prefoldin subunit 4 (PFDN4) ELISA Kit; PFDN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PFDN4. No significant cross-reactivity or interference between PFDN4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PFDN4 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFDN4 elisa kit	Principle of the Assay: PFDN4 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PFDN4 antibody and an PFDN4-HRP conjugate. The assay sample and buffer are incubated together with PFDN4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PFDN4 concentration since PFDN4 from samples and PFDN4-HRP conjugate compete for the anti-PFDN4 antibody binding site. Since the number of sites is limited, as more sites are occupied by PFDN4 from the sample, fewer sites are left to bind PFDN4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PFDN4 concentration in each sample is interpolated from this standard curve. Intended Uses: This PFDN4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PFDN4. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PFDN4 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	12408677
NCBI GeneID	5203
NCBI Accession #	NP_002614.2
NCBI GenBank Nucleotide #	NM_002623.3
Molecular Weight	15,314 Da
NCBI Official Full Name	prefoldin subunit 4
NCBI Official Synonym Full Names	prefoldin subunit 4
NCBI Official Symbol	PFDN4
NCBI Official Synonym Symbols	C1; PFD4
NCBI Protein Information	prefoldin subunit 4; prefoldin 4; protein C-1
UniProt Protein Name	Prefoldin subunit 4
UniProt Gene Name	PFDN4
UniProt Synonym Gene Names	PFD4
UniProt Entry Name	PFD4_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/prefoldin-subunit-4-pfdn4/245646>