

Human Prefoldin Subunit 1 (PFDN1) ELISA Kit | PFDN1 elisa kit

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CATALOG #
AAA185893

REACTIVITY
Human

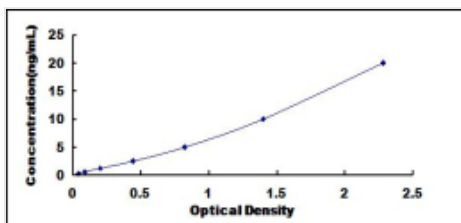
PRODUCT SYNONYMS

Prefoldin Subunit 1 (PFDN1); Human Prefoldin Subunit 1 (PFDN1) ELISA Kit; PDF; PFD1; PFDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Prefoldin Subunit 1 (PFDN1). No significant cross-reactivity or interference between Prefoldin Subunit 1 (PFDN1) and analogues was observed.
Sequence Length	122
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.112ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Prefoldin Subunit 1 (PFDN1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Prefoldin Subunit 1 (PFDN1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PFDN1 elisa kit	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 Prefoldin Subunit 1 (PFDN1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Prefoldin Subunit 1 (PFDN1). 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 Prefoldin Subunit 1 (PFDN1), 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 Prefoldin Subunit 1 (PFDN1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536449
NCBI GeneID	5201
NCBI Accession #	NP_002613.2
NCBI GenBank Nucleotide #	NM_002622.4
UniProt Accession #	O60925; Q53F95; Q96EX6; B2RD02
Molecular Weight	14,210 Da
NCBI Official Full Name	prefoldin subunit 1
NCBI Official Synonym Full Names	prefoldin subunit 1
NCBI Official Symbol	PFDN1
NCBI Official Synonym Symbols	PDF; PFD1
NCBI Protein Information	prefoldin subunit 1
UniProt Protein Name	Prefoldin subunit 1
UniProt Gene Name	PFDN1
UniProt Synonym Gene Names	PFD1

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.