

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

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CATALOG #
AAA331417

REACTIVITY
Human

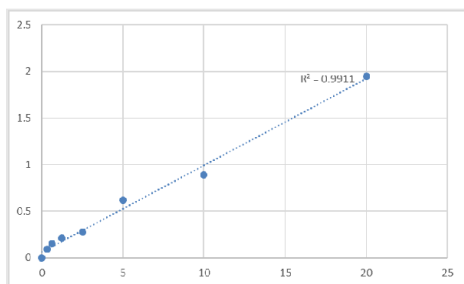
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Prefoldin subunit 1 (PFDN1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PFDN1. No significant cross-reactivity or interference between Human PFDN1 and analogues was observed.
Sequence Length	122
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Prefoldin subunit 1 (PFDN1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PFDN1 elisa kit	Description: This Human Prefoldin subunit 1 (PFDN1) ELISA Kit employs a two-site sandwich ELISA to quantitate PFDN1 in samples. An antibody specific for PFDN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PFDN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PFDN1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PFDN1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Prefoldin subunit 1 is a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils. By analysis of the protein by reverse-phase HPLC, they identified 6 prefoldin polypeptides. By sequence analysis, they identified the corresponding mammalian cDNA sequences, of which 4 were human. These 4 included PFDN1, which encodes a 122-amino acid protein. PFDN3 is identical to VBP1, whereas PFDN4 and PFDN5 encode a possible transcription factor and a c-myc binding protein, respectively.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536449
NCBI GeneID	5201
NCBI Accession #	NP_002613.2
NCBI GenBank Nucleotide #	NP_002613.2
UniProt Accession #	O60925
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
UniProt Entry Name	PFD1_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.