

Human Protein Disulfide Isomerase (PDI) ELISA Kit | PDI elisa kit

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CATALOG #
AAA13007

REACTIVITY
Human

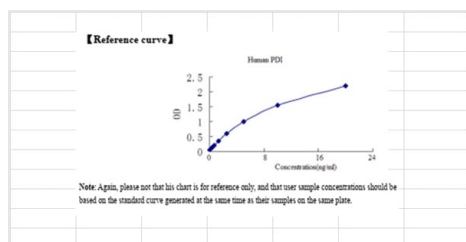
PRODUCT SYNONYMS

Protein Disulfide Isomerase (PDI); Human Protein Disulfide Isomerase (PDI) ELISA Kit; PDI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	496
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDI elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human PDI monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

17647799

NCBI GeneID	39651
NCBI Accession #	NP_524079.1
NCBI GenBank Nucleotide #	NM_079355.3
Molecular Weight	21,899 Da
NCBI Official Full Name	protein disulfide isomerase, isoform A
NCBI Official Synonym Full Names	Protein disulfide isomerase
NCBI Official Symbol	Pdi
NCBI Official Synonym Symbols	CG6988; DmelCG6988; dpdi; Dpdi; EP(3)1022; pdi; PDI
NCBI Protein Information	CG6988 gene product from transcript CG6988-RE; CG6988-PA; CG6988-PE; Pdi-PA; Pdi-PE; disulfide isomerase; proline diisomerase; protein disulfide isomerase; protein disulphide isomerase; protein-disulfide isomerase
UniProt Protein Name	Protein disulfide-isomerase
UniProt Gene Name	Pdi
UniProt Synonym Gene Names	CG6988; PDI; dPDI
UniProt Entry Name	PDI_DROME

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/protein-disulfide-isomerase-pdi/13007>