

Human Protein Disulfide Isomerase A6 ELISA Kit | PDIA6 elisa kit

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CATALOG #
AAA99030

REACTIVITY
Human

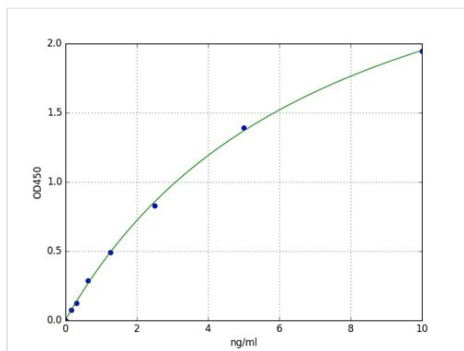
PRODUCT SYNONYMS

Protein Disulfide Isomerase A6; Human Protein Disulfide Isomerase A6 ELISA Kit; PDIA6; PDIA6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	440
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PDIA6 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.067	0.146	0.194	0.340	0.662	0.936	1.803	2.106

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDIA6 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PDIA6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PDIA6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PDIA6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PDIA6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5031973

NCBI GeneID	10130
NCBI Accession #	NP_005733.1
NCBI GenBank Nucleotide #	NM_005742.3
Molecular Weight	53,261 Da
NCBI Official Full Name	protein disulfide-isomerase A6 isoform d
NCBI Official Synonym Full Names	protein disulfide isomerase family A member 6
NCBI Official Symbol	PDIA6
NCBI Official Synonym Symbols	P5; ERP5; TXNDC7
NCBI Protein Information	protein disulfide-isomerase A6
UniProt Protein Name	Protein disulfide-isomerase A6
UniProt Gene Name	PDIA6
UniProt Synonym Gene Names	ERP5; P5; TXNDC7; ER protein 5; ERp5
UniProt Entry Name	PDIA6_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/pdia6-human-elisa-kits/protein-disulfide-isomerase-a6/99030>