

Human PDIA6 ELISA Kit | PDIA6 elisa kit

Human PDIA6 (Protein Disulfide Isomerase A6) ELISA Kit

CATALOG #
AAA163522

REACTIVITY
Human

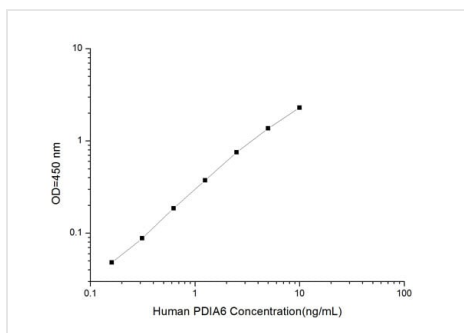
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PDIA6. No significant cross-reactivity or interference between Human PDIA6 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PDIA6 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	488
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDIA6 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDIA6 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PDIA6. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PDIA6 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PDIA6, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PDIA6. You can calculate the concentration of Human PDIA6 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	544186046
NCBI GeneID	10130
NCBI Accession #	NP_001269634.1
NCBI GenBank Nucleotide #	NM_001282705.1
UniProt Accession #	Q15084; Q53RC7; Q6ZSH5; Q99778; B3KY95; B5MCQ5; B7Z254; B7Z4M8; F8WA83
Molecular Weight	53,261 Da
NCBI Official Full Name	protein disulfide-isomerase A6 isoform b
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; ER protein 5; endoplasmic reticulum protein 5; protein disulfide isomerase P5; protein disulfide isomerase-associated 6; protein disulfide isomerase-related protein; thioredoxin domain containing 7 (protein disulfide isomerase); thioredoxin domain-containing protein 7
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.