

Human PDIA2 ELISA Kit | PDIA2 elisa kit

Human PDIA2 (Protein Disulfide Isomerase A2) ELISA Kit

CATALOG #
AAA163496

REACTIVITY
Human

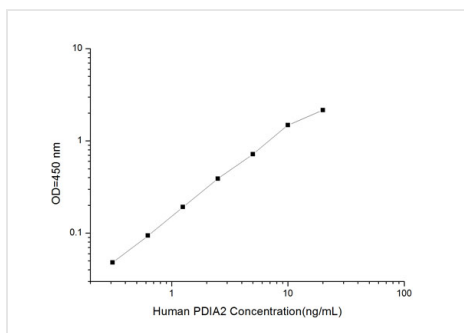
PRODUCT SYNONYMS

PDIA2; Human PDIA2 (Protein Disulfide Isomerase A2) ELISA Kit; PDIA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PDIA2. No significant cross-reactivity or interference between Human PDIA2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PDIA2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	525
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDIA2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDIA2 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 PDIA2. 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 PDIA2 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 PDIA2, 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 PDIA2. You can calculate the concentration of Human PDIA2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94966757
NCBI GeneID	64714
NCBI Accession #	NP_006840.2
NCBI GenBank Nucleotide #	NM_006849.2
UniProt Accession #	Q13087; Q2WGM4; Q4TT67; Q6B010; Q96KJ6; Q9BW95; A6ZJ64; B4DI27
Molecular Weight	57,850 Da
NCBI Official Full Name	protein disulfide-isomerase A2
NCBI Official Synonym Full Names	protein disulfide isomerase family A, member 2
NCBI Official Symbol	PDIA2
NCBI Official Synonym Symbols	PDI; PDA2; PDIP; PDIR
NCBI Protein Information	protein disulfide-isomerase A2; Rho GDP dissociation inhibitor gamma; pancreas-specific protein disulfide isomerase; pancreatic protein disulfide isomerase; protein disulfide isomerase A2; protein disulfide isomerase, pancreatic; protein disulfide isomerase-associated 2
UniProt Protein Name	Protein disulfide-isomerase A2
UniProt Gene Name	PDIA2
UniProt Synonym Gene Names	PDIP; PDIp
UniProt Entry Name	PDIA2_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.