

Human Protein Disulfide Isomerase ELISA Kit | PDI elisa kit

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CATALOG #
AAA101262

REACTIVITY
Human

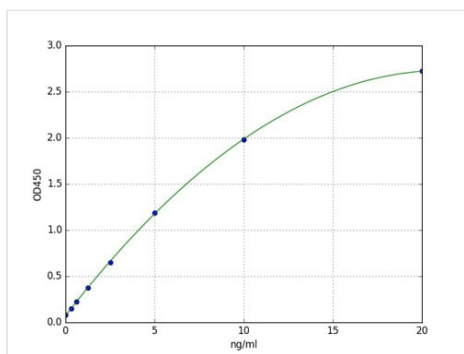
PRODUCT SYNONYMS

Protein Disulfide Isomerase; Human Protein Disulfide Isomerase ELISA Kit; PDI/DSI/ERBA2L/GIT/PDIA1/PO4DB/PO4HB/PROHB/Thbp/Cellular thyroid hormone-binding protein/collagen prolyl 4-hydroxylase beta/DSI/ERBA2L/GIT/glutathione-insulin transhydrogenase/P4Hbeta/p55/PDIA1procollagen-proline; 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase); betapolypeptide (protein disulfide isomerase-associated 1)/PHDB/procollagen-proline; betapolypeptide/PROHBprocollagen-proline; betapolypeptide (protein disulfide isomerase/thyroid hormone binding protein p55)/Prolyl 4-hydroxylase subunit beta/prolyl 4-hydroxylase; beta polypeptide/protein disulfide isomerase family A; member 1/protein disulfide isomerase/oxidoreductase/protein disulfide isomerase-associated 1/protein disulfide-isomerase/procollagen hydroxylase/thyroid hormone-binding protein p55; PDI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 PDI 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.083	0.155	0.255	0.319	0.629	1.039	2.138	2.133

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDI elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PDI antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PDI 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 PDI amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PDI can be calculated.

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/pdi-human-elisa-kits/protein-disulfide-isomerase/101262>