

Bovine disulfide-isomerase A3 ELISA Kit | PDIA3 elisa kit

Bovine Protein disulfide-isomerase A3 ELISA Kit

CATALOG #
AAA192572

REACTIVITY
Bovine

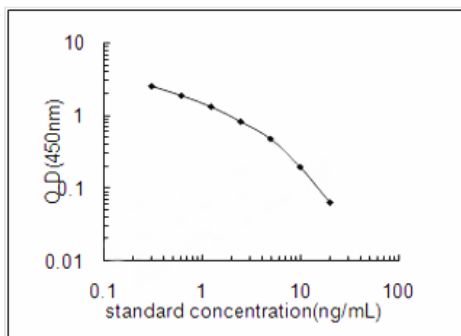
PRODUCT SYNONYMS

disulfide-isomerase A3; Bovine Protein disulfide-isomerase A3 ELISA Kit; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; PDIA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine Protein disulfide-isomerase A3. No significant cross-reactivity or interference was observed.
Sequence Length	505
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Quantitative Competitive
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDIA3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Protein disulfide-isomerase A3 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Protein disulfide-isomerase A3. During the reaction, Protein disulfide-isomerase A3 in the sample or standard competes with a fixed amount of biotin-labeled Protein disulfide-isomerase A3 for sites on a pre-coated Monoclonal antibody specific to Protein disulfide-isomerase A3. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Protein disulfide-isomerase A3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	729433
NCBI GeneID	281803
UniProt Accession #	P38657
Molecular Weight	56,930 Da
NCBI Official Full Name	Protein disulfide-isomerase A3
NCBI Official Symbol	PDIA3
NCBI Official Synonym Symbols	GRP58
NCBI Protein Information	protein disulfide-isomerase A3
UniProt Protein Name	Protein disulfide-isomerase A3
UniProt Gene Name	PDIA3
UniProt Synonym Gene Names	GRP58; p58; ER protein 57; ERp57; ER protein 60; ERp60
UniProt Entry Name	PDIA3_BOVIN

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/pdia3-bovine-ovine-elisa-kits/disulfide-isomerase-a3/192572>