

Human Pentosidine (PTD) ELISA Kit | PTD elisa kit

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CATALOG #
AAA13038

REACTIVITY
Human

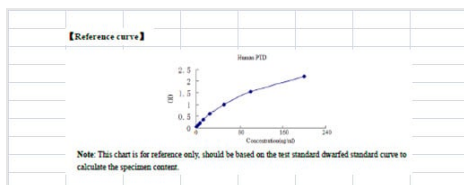
PRODUCT SYNONYMS

Pentosidine (PTD); Human Pentosidine (PTD) ELISA Kit; PTD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	419
Assay Type	Sandwich
Detection Range	200 ng/mL-3.12 ng/mL
Sensitivity	Up to 0.6 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTD elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human PTD monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	578804710
NCBI GeneID	617

NCBI Accession #	XP_006712741.1
NCBI GenBank Nucleotide #	XM_006712678.1
Molecular Weight	47,534 Da
NCBI Official Full Name	mitochondrial chaperone BCS1 isoform X4
NCBI Official Synonym Full Names	BC1 (ubiquinol-cytochrome c reductase) synthesis-like
NCBI Official Symbol	BCS1L
NCBI Official Synonym Symbols	BCS; BJS; PTD; BCS1; FLNMS; h-BCS; MC3DN1; GRACILE; Hs.6719
NCBI Protein Information	mitochondrial chaperone BCS1; h-BCS1; BCS1-like protein; mitochondrial complex III assembly
UniProt Protein Name	Mitochondrial chaperone BCS1
UniProt Gene Name	BCS1L
UniProt Synonym Gene Names	BCS1; h-BCS1
UniProt Entry Name	BCS1_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pentosidine-ptd/13038>