

Human BTB (Biotinidase) ELISA Kit | BTB elisa kit

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CATALOG #
AAA172659

REACTIVITY
Human

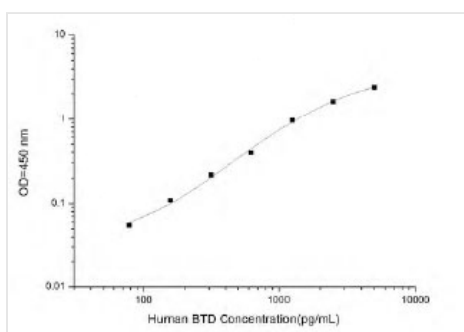
PRODUCT SYNONYMS

BTB (Biotinidase); Human BTB (Biotinidase) ELISA Kit; BTB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human OCT4 in samples. No significant cross-reactivity or interference between Human OCT4 and analogues was observed.
Sequence Length	543
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human OCT4 were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human OCT4 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BTDiselisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of Human OCT4 concentrations in 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 OCT4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for OCT4and 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 OCT4, 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 OCT4.You can calculate the concentration of OCT4in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	468824
NCBI GeneID	686
Molecular Weight	58,913 Da
NCBI Official Full Name	biotinidase
NCBI Official Synonym Full Names	biotinidase
NCBI Official Symbol	BTDis
NCBI Protein Information	biotinidase
UniProt Protein Name	Biotinidase
UniProt Gene Name	BTDis
UniProt Synonym Gene Names	Biotinase
UniProt Entry Name	BTDis_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.