

Human biotinidase ELISA Kit | BTd elisa kit

Human Biotinidase, BTd ELISA Kit

CATALOG # AAA112519	REACTIVITY Human
-------------------------------	----------------------------

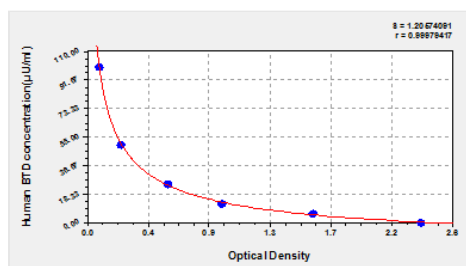
PRODUCT SYNONYMS

biotinidase; Human Biotinidase; BTd ELISA Kit; Human Biotinidase (BTd) ELISA kit; BTd elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep ADIPOQ. No significant cross-reactivity or interference between sheep ADIPOQ and analogues was observed.
Sequence Length	543
Samples	Serum, Plasma
Assay Type	Competitive
Detection Range	6.25 ng/ml-100 ng/ml
Sensitivity	3.125 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BTd elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADIPOQ. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated ADIPOQ. The competitive inhibition reaction is launched between with HRP-conjugated ADIPOQ and ADIPOQ in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of ADIPOQ in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557373
NCBI GeneID	686
NCBI Accession #	NP_000051.1
NCBI GenBank Nucleotide #	NM_000060.3
UniProt Accession #	P43251; Q96EM9; A6NHF2; B2R865; B4DFX1; B4DLJ9
Molecular Weight	61,133 Da
NCBI Official Full Name	biotinidase isoform 3
NCBI Official Synonym Full Names	biotinidase
NCBI Official Symbol	BTD
NCBI Protein Information	biotinidase; biotinase
UniProt Protein Name	Biotinidase
UniProt Gene Name	BTD
UniProt Synonym Gene Names	Biotinase
UniProt Entry Name	BTD_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/btd-human-elisa-kits/biotinidase/112519>