

Human Bladder tumor antigen, BTA ELISA Kit | BTA elisa kit

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CATALOG #
AAA80152

REACTIVITY
Human

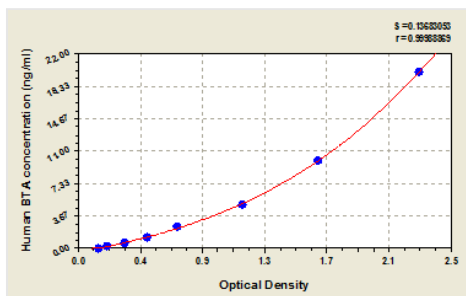
PRODUCT SYNONYMS

Bladder tumor antigen; BTA; Human Bladder tumor antigen; BTA ELISA Kit; BTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human BTA. No significant cross-reactivity or interference between human BTA and analogues was observed.
Sequence Length	115
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of human BTA is typically less than 0.078 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 BTA elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BTA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BTA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BTA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BTA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125718026
NCBI Accession #	YP_001035159.1
NCBI GenBank Nucleotide #	NC_009009.1
UniProt Accession #	A3CN54
Molecular Weight	12,768 Da
NCBI Official Full Name	hypothetical protein SSA_1205
UniProt Protein Name	Bta, putative
UniProt Gene Name	bta
UniProt Synonym Gene Names	SSA_1205
UniProt Entry Name	A3CN54_STRSV

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/bladder-tumor-antigen-bta/80152>