

Human Bladder tumor antigen ELISA Kit | BTA elisa kit

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CATALOG #
AAA87095

REACTIVITY
Human

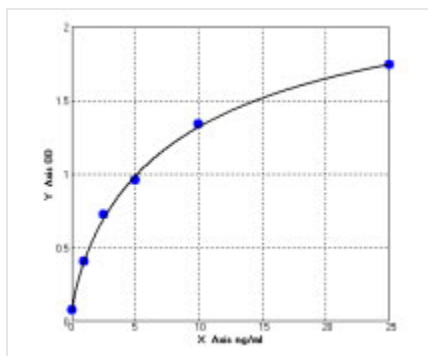
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BTA. No significant cross-reactivity or interference between BTA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BTA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This BTA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BTA. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BTA elisa kit	Principle of the Assay: BTA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BTA. Standards or samples are then added to the microtiter plate wells and BTA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BTA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for BTA are added to each well to "sandwich" the BTA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain BTA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BTA concentration in each sample is interpolated from this standard curve. Intended Uses: This BTA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BTA. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for BTA elisa kit	Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	125718026
NCBI GeneID	4806818
NCBI GenBank Nucleotide #	YP_001035159.1
NCBI Official Full Name	Bta
NCBI Official Symbol	bta
NCBI Protein Information	Bta

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/bta-human-elisa-kits/bladder-tumor-antigen/87095>