

Human Actin beta ELISA Kit | ACTb elisa kit

Human Actin beta ELISA Kit

CATALOG #
AAA84841

REACTIVITY
Human

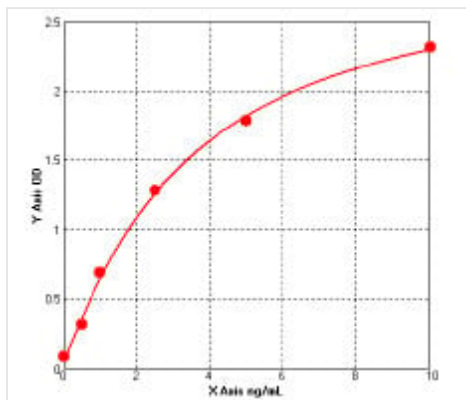
PRODUCT SYNONYMS

Actin beta; Human Actin beta ELISA Kit; Human Actin b ELISA Kit; ACTb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BACT. No significant cross-reactivity or interference between BACT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BACT and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Sandwich
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTb elisa kit	Intended Uses: This BACT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BACT. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: BACT ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BACT. Standards or samples are then added to the microtiter plate wells and BACT if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BACT present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for BACT are added to each well to "sandwich" the BACT 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 BACT 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 BACT concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ACTb elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	117167827
NCBI GeneID	60
Molecular Weight	41,737 Da
NCBI Official Full Name	ACTB protein, partial
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
NCBI Protein Information	actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1
UniProt Protein Name	Actin, cytoplasmic 1
UniProt Gene Name	ACTB
UniProt Entry Name	ACTB_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/actb-human-elisa-kits/actin-beta/84841>