

Human betacellulin ELISA Kit | bTC elisa kit

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CATALOG #
AAA85364

REACTIVITY
Human

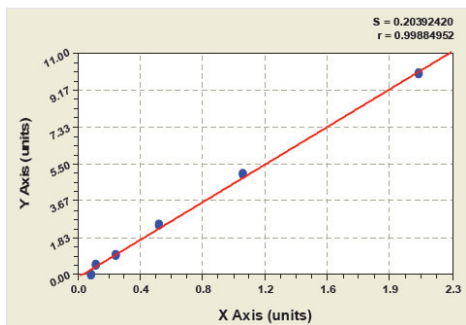
PRODUCT SYNONYMS

betacellulin; Human betacellulin ELISA Kit; Human bcellulin ELISA Kit; bTC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This betaTC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human betaTC. 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 bTC elisa kit

Principle of the Assay: betaTC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for betaTC. Standards or samples are then added to the microtiter plate wells and betaTC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of betaTC present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for betaTC are added to each well to "sandwich" the betaTC 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 betaTC 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 betaTC concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	265786
NCBI GeneID	685
Molecular Weight	19,746 Da
NCBI Official Full Name	betacellulin
NCBI Official Synonym Full Names	betacellulin
NCBI Official Symbol	BTC
NCBI Protein Information	probetacellulin
UniProt Protein Name	Probetacellulin
UniProt Gene Name	BTC
UniProt Synonym Gene Names	BTC
UniProt Entry Name	BTC_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.

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Online datasheet: <https://stage.aaabiotech.com/btc-human-elisa-kits/betacellulin/85364>