

Rat BTC ELISA Kit | BTC elisa kit

Rat BTC (Betacellulin) ELISA Kit

CATALOG #
AAA163694

REACTIVITY
Rat

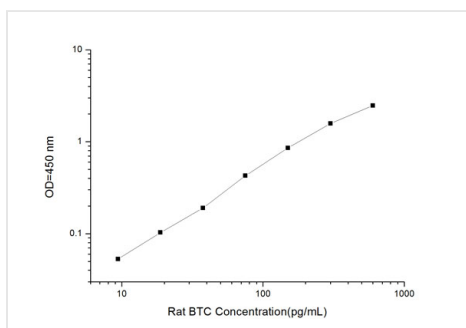
PRODUCT SYNONYMS

BTC; Rat BTC (Betacellulin) ELISA Kit; BTC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat BTC. No significant cross-reactivity or interference between Rat BTC and analogues was observed.
Sequence Length	178
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	9.375-600pg/mL
Sensitivity	Min: 5.625pg/mL; Max: 600pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat BTC concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BTC elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to BTC. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for BTC and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain BTC, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of BTC. You can calculate the concentration of BTC in the samples by comparing the OD of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	265786
NCBI GeneID	685
UniProt Accession #	P35070; Q96F48
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/btc/163694>