

Human beta cellulin, BTC ELISA Kit | BTC elisa kit

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CATALOG #
AAA11187

REACTIVITY
Human

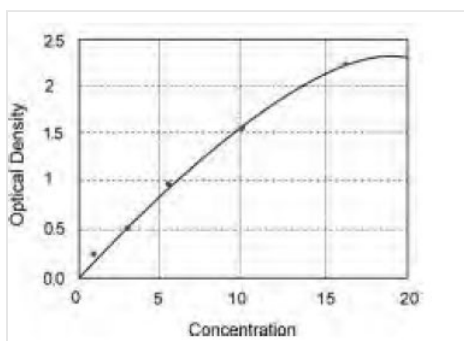
PRODUCT SYNONYMS

beta cellulin; BTC; Human beta cellulin; BTC ELISA Kit; BTC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	177
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60ng/ml
Sensitivity	0.096ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BTC elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human BTC antibody. BTC present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human BTC Antibody is added and binds to BTC in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BTC antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human BTC. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human beta cellululin (also known as BTC) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680812
NCBI GeneID	12223
NCBI Accession #	NP_031594.1
NCBI GenBank Nucleotide #	NM_007568.5
UniProt Accession #	Q05928
Molecular Weight	19,664 Da
NCBI Official Full Name	betacellulin preproprotein
NCBI Official Synonym Full Names	betacellulin, epidermal growth factor family member
NCBI Official Symbol	Btc
NCBI Official Synonym Symbols	Bcn
NCBI Protein Information	betacellulin
UniProt Protein Name	Probetacellulin
UniProt Gene Name	Btc
UniProt Synonym Gene Names	Bcn; BTC

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.