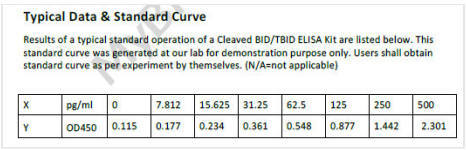
Cleaved BID/TBID (Cleaved BH3-Interacting Domain Death Agonist) (BID/TBID) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cleaved BID/TBID (Cleaved BH3-interacting domain death agonist), ELISA Kit
Full Product Name	Human Cleaved BID/TBID (Cleaved BH3-interacting domain death agonist)
Product Gene Name	BID/TBID elisa kit
Product Synonym Names	BID (BH3-interacting domain death agonist)/apoptic death agonist/BH3 interacting domain death agonist/BID isoform ES(1b)/BID isoform L(2)/BID isoform Si6/desmocollin type 4/FP497/Human BID coding sequence/p22 BID
Species Reactivity	Human
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Specificity	This assay has high sensitivity and excellent specificity for detection of Cldn3. No significant cross-reactivity or interference between Cldn3 and analogues was observed.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Cldn3 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Cldn3 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for BID/TBID elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Cldn3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Cldn3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Cldn3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Cldn3 can be calculated.
Other Notes	Small volumes of BID/TBID elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BID/TBID purchase	MBS766158 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cleaved BID/TBID (Cleaved BH3-interacting domain death agonist) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing BID/TBID. The ELISA analytical biochemical technique of the MBS766158 kit is based on BID/TBID antibody-BID/TBID antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect BID/TBID antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, BID/TBID. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Data & Standard Curve

Results of a typical standard operation of a Cleaved BID/TBID ELISA Kit are listed below. This standard curve was generated at our lab for demonstration purpose only. Users shall obtain standard curve as per experiment by themselves. (N/A=not applicable)

X	pg/ml	0	7.812	15.625	31.25	62.5	125	250	500
Y	OD450	0.115	0.177	0.234	0.361	0.548	0.877	1.442	2.301

Typical Testing Data/Standard Curve (for reference only) of BID/TBID elisa kit

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MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/human-elisa-kits/cleaved-bid-tbid-cleaved-bh3-interacting-domain-death-agonist/766158