

Human beta defensin 2, HBD2 ELISA Kit | HBD2 elisa kit

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CATALOG #
AAA11086

REACTIVITY
Human

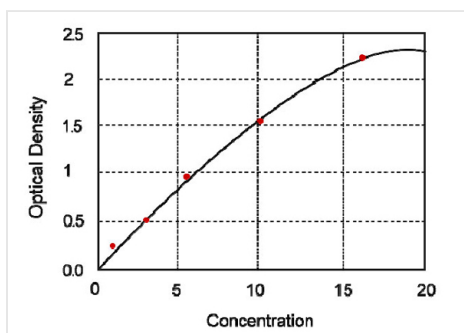
PRODUCT SYNONYMS

beta defensin 2; HBD2; Human beta defensin 2; HBD2 ELISA Kit; HBD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	64
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-4000ng/L
Sensitivity	5.31ng/L
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 HBD2 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HBD2 antibody. HBD2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HBD2 Antibody is added and binds to HBD2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HBD2 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 HBD2. 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 defensin 2 (also known as HBD2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3818537
NCBI GeneID	1673
UniProt Accession #	O15263; Q52LC0
Molecular Weight	7,038 Da
NCBI Official Full Name	beta defensin 2
NCBI Official Synonym Full Names	defensin beta 4A
NCBI Official Symbol	DEFB4A
NCBI Official Synonym Symbols	BD-2; SAP1; DEFB2; DEFB4; HBD-2; DEFB-2; DEFB102
NCBI Protein Information	beta-defensin 4A
UniProt Protein Name	Beta-defensin 4A
UniProt Gene Name	DEFB4A
UniProt Synonym Gene Names	DEFB102; DEFB2; DEFB4; BD-2; hBD-2; SAP1

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/human-elisa-kits/beta-defensin-2-hbd2/11086>