

Human Beta-defensin 1, DEFB1 ELISA Kit | DEFB1 elisa kit

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CATALOG #
AAA41348

REACTIVITY
Human

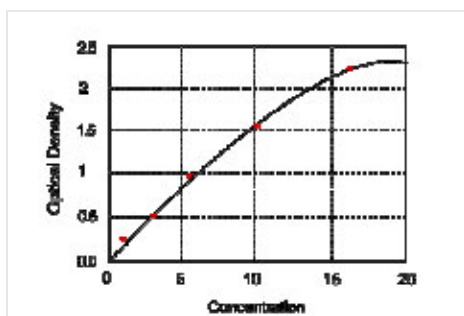
PRODUCT SYNONYMS

Beta-defensin 1; DEFB1; Human Beta-defensin 1; DEFB1 ELISA Kit; DEFB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	66
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ug/ml-9ug/ml
Sensitivity	0.021ug/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 DEFB1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Beta-Casomorphin-7 (also known as BCM7) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human BCM7 antibody. BCM7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BCM7 Antibody is added and binds to BCM7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BCM7 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 BCM7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209572851
UniProt Accession #	P0C8A5
Molecular Weight	7,386 Da
NCBI Official Full Name	Defensin-B1
UniProt Protein Name	Defensin-B1
UniProt Gene Name	DefB1
UniProt Synonym Gene Names	OaDefB1

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://www.aaabiotech.com/human-elisa-kits/beta-defensin-1-defb1/41348>