

Mouse Beta-defensin 2 (DEFB2) ELISA Kit | DEFB2 elisa kit

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CATALOG #
AAA121612

REACTIVITY
Mouse

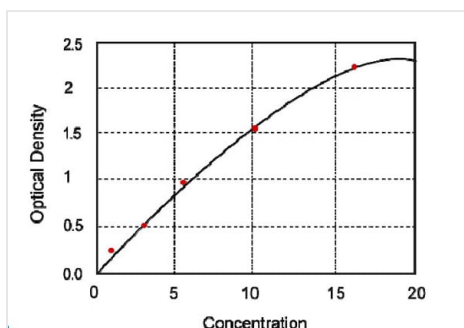
PRODUCT SYNONYMS

Beta-defensin 2 (DEFB2); Mouse Beta-defensin 2 (DEFB2) ELISA Kit; DEFB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	64
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1000ng/L
Sensitivity	2.52ng/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 DEFB2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Beta-defensin 2 (also known as DEFB2) 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 Mouse DEFB2 antibody. DEFB2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse DEFB2 Antibody is added and binds to DEFB2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DEFB2 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 Mouse DEFB2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3510600
NCBI GeneID	1673
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/mouse-elisa-kits/beta-defensin-2-defb2/121612>