

Mouse Beta-defensin 4, DEFB4 ELISA Kit | DEFB4 elisa kit

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CATALOG #
AAA43580

REACTIVITY
Mouse

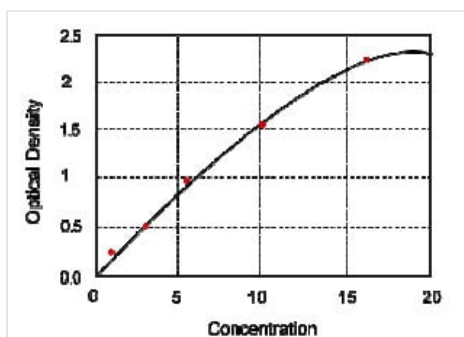
PRODUCT SYNONYMS

Beta-defensin 4; DEFB4; Mouse Beta-defensin 4; DEFB4 ELISA Kit; DEFB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	100
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.021ng/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 DEFB4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Beta-defensin 4 (also known as DEFB4) 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 DEFB4 antibody. DEFB4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse DEFB4 Antibody is added and binds to DEFB4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DEFB4 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 DEFB4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209572854
NCBI GeneID	103166461
UniProt Accession #	POC8A8
Molecular Weight	10,757 Da
NCBI Official Full Name	Defensin-B4
NCBI Official Symbol	LOC103166461
NCBI Official Synonym Symbols	DefB4; OaDefB4
NCBI Protein Information	defensin-B4
UniProt Protein Name	Defensin-B4
UniProt Gene Name	DefB4
UniProt Synonym Gene Names	OaDefB4

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-4-defb4/43580>