

Mouse Beta-defensin 4 ELISA Kit | Defb4 elisa kit

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CATALOG #
AAA23297

REACTIVITY
Mouse

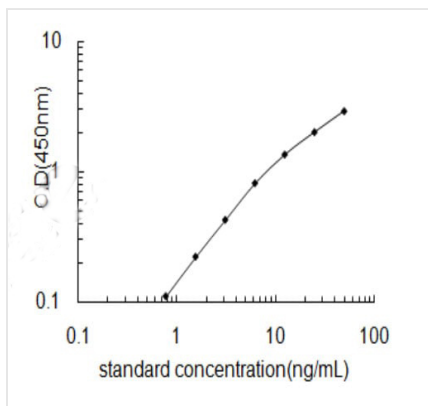
PRODUCT SYNONYMS

Beta-defensin 4; Mouse Beta-defensin 4 ELISA Kit; BD-4; mBD-4; Defensin; beta 4; Defb4; Bdef4; Defb4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Beta-defensin 4, BD-4
Sequence Length	63
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.415 ng/mL
Intra-assay Precision	<=6.6%
Inter-assay Precision	<=8.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Defb4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9789929
NCBI GeneID	56519
NCBI Accession #	NP_062702.1
NCBI GenBank Nucleotide #	NM_019728.4
UniProt Accession #	P82019
Molecular Weight	7,129 Da
NCBI Official Full Name	beta-defensin 4
NCBI Official Synonym Full Names	defensin beta 4
NCBI Official Symbol	Defb4
NCBI Official Synonym Symbols	BD-4; 2310001F05Rik
NCBI Protein Information	beta-defensin 4
UniProt Protein Name	Beta-defensin 4
UniProt Gene Name	Defb4
UniProt Synonym Gene Names	Bdef4; BD-4; mBD-4
UniProt Entry Name	DEFB4_MOUSE

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.