

Mouse Beta-defensin 2 ELISA Kit | Defb2 elisa kit

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CATALOG #
AAA309973

REACTIVITY
Mouse

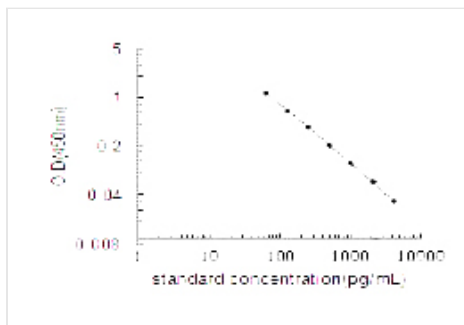
PRODUCT SYNONYMS

Beta-defensin 2; Mouse Beta-defensin 2 ELISA Kit; BD-2; mBD-2; Defensin; beta 2; Defb2; Defb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse BD-2. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	62.5-4000 pg/mL
Sensitivity	<30.4 pg/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Defb2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse beta-defensin 2, BD-2 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to BD-2. During the reaction, BD-2 in the sample or standard competes with a fixed amount of biotin-labeled BD-2 for sites on a pre-coated Monoclonal antibody specific to BD-2. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 BD-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753624
NCBI GeneID	13215
NCBI Accession #	NP_034160.1
NCBI GenBank Nucleotide #	NM_010030.1
UniProt Accession #	P82020
Molecular Weight	7,820 Da
NCBI Official Full Name	beta-defensin 2
NCBI Official Synonym Full Names	defensin beta 2
NCBI Official Symbol	Defb2
NCBI Official Synonym Symbols	BD-2
NCBI Protein Information	beta-defensin 2
UniProt Protein Name	Beta-defensin 2
UniProt Gene Name	Defb2
UniProt Synonym Gene Names	BD-2; mBD-2

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/defb2-mouse-elisa-kits/beta-defensin-2/309973>