

Mouse DEFb14 ELISA Kit | DEFb14 elisa kit

Mouse DEFb14(beta-defensin 14)ELISA Kit

CATALOG #
AAA165873

REACTIVITY
Mouse

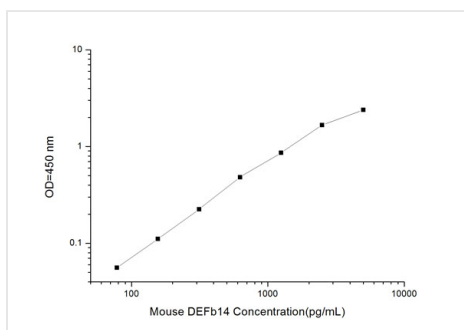
PRODUCT SYNONYMS

DEFb14; Mouse DEFb14(beta-defensin 14)ELISA Kit; DEFb14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse DEFb14 in samples. No significant cross-reactivity or interference between Mouse DEFb14 and analogues was observed.
Sequence Length	32
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse DEFb14 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse DEFb14 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB14 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse DEFB14 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse DEFB14. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse DEFB14 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse DEFB14, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse DEFB14. You can calculate the concentration of Mouse DEFB14 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109732529
NCBI GeneID	244332
Molecular Weight	7,718 Da
NCBI Official Full Name	Defb14 protein
NCBI Official Synonym Full Names	defensin beta 14
NCBI Official Symbol	Defb14
NCBI Official Synonym Symbols	BD-14
NCBI Protein Information	beta-defensin 14
UniProt Protein Name	Beta-defensin 14
UniProt Gene Name	Defb14
UniProt Synonym Gene Names	BD-14; mBD-14
UniProt Entry Name	DFB14_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/defb14/165873>