

Mouse DEFa5 ELISA Kit | DEFa5 elisa kit

Mouse DEFa5 (Defensin Alpha 5, Paneth Cell Specific) ELISA Kit

CATALOG #
AAA165425

REACTIVITY
Mouse

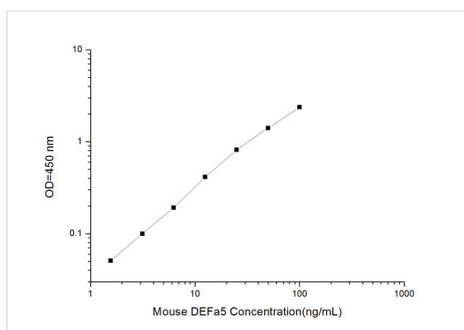
PRODUCT SYNONYMS

DEFa5; Mouse DEFa5 (Defensin Alpha 5; Paneth Cell Specific) ELISA Kit; DEFa5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse DEFa5 in samples. No significant cross-reactivity or interference between Mouse DEFa5 and analogues was observed.
Sequence Length	94
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse DEFa5 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 DEFa5 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 DEFA5 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse DEFA5 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 DEFA5. 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 DEFA5 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 DEFA5, 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 DEFA5. You can calculate the concentration of Mouse DEFA5 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10337585
NCBI GeneID	1670
NCBI Accession #	NP_066290.1
NCBI GenBank Nucleotide #	NM_021010.2
UniProt Accession #	Q01523; Q3KNV2; A0JDY6
Molecular Weight	10,071 Da
NCBI Official Full Name	defensin-5 preproprotein
NCBI Official Synonym Full Names	defensin, alpha 5, Paneth cell-specific
NCBI Official Symbol	DEFA5
NCBI Official Synonym Symbols	DEF5; HD-5
NCBI Protein Information	defensin-5; HD5(20-94); defensin 5; defensin, alpha 5, preproprotein
UniProt Protein Name	Defensin-5
UniProt Gene Name	DEFA5
UniProt Synonym Gene Names	DEF5
UniProt Entry Name	DEF5_HUMAN

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.