

Mouse Alpha-defensin 1 ELISA Kit | Defa1 elisa kit

Mouse Alpha-defensin 1 ELISA Kit

CATALOG #
AAA102089

REACTIVITY
Mouse

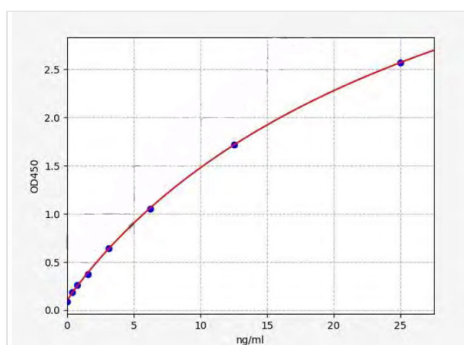
PRODUCT SYNONYMS

Alpha-defensin 1; Mouse Alpha-defensin 1 ELISA Kit; Defa1/DEF1/DEFA1/HNP-1/HP1/MRS/alpha 2/DEF1DEFA1B/DEFA2/defensin; alpha 1; myeloid-related sequence/defensin; alpha 1HP-1/HNP-1HP1/MRSMGC138393/myeloid-related sequence/neutrophil defensin 1/Cryptdin-1/Defensin-related cryptdin peptide; Defa1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Defa1. No significant cross-reactivity or interference between Defa1 and analogues was observed.
Sequence Length	93
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.391-25ng/ml
Sensitivity	0.234ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Defa1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981803
NCBI GeneID	13216
NCBI Accession #	NP_034161.2
NCBI GenBank Nucleotide #	NM_010031.2
Molecular Weight	10,461 Da
NCBI Official Full Name	alpha-defensin 1
NCBI Official Synonym Full Names	defensin, alpha 1
NCBI Official Symbol	Defa1
NCBI Official Synonym Symbols	Defcr; Defcr1
NCBI Protein Information	alpha-defensin 1
UniProt Protein Name	Alpha-defensin 1
UniProt Gene Name	Defa1
UniProt Synonym Gene Names	Defcr; Defcr1
UniProt Entry Name	DEFA1_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.