

Mouse defensin, alpha 4, corticostatin ELISA Kit | DEFA4 elisa kit

Mouse Neutrophil defensin 4, DEFA4 ELISA Kit

CATALOG #
AAA18044

REACTIVITY
Mouse

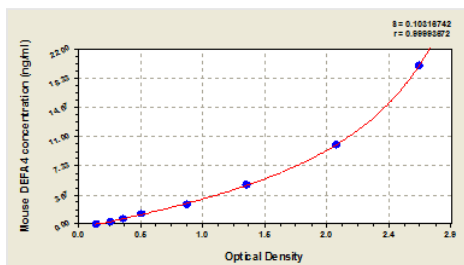
PRODUCT SYNONYMS

defensin; alpha 4; corticostatin; Mouse Neutrophil defensin 4; DEFA4 ELISA Kit; Mouse Neutrophil defensin 4 (DEFA4) ELISA kit; DEF4; HNP-4; HP-4; HP4; MGC120099; MGC138296; preproprotein; DEFA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse DEFA4. No significant cross-reactivity or interference between mouse DEFA4 and analogues was observed.
Sequence Length	92
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFA4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DEFA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DEFA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DEFA4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DEFA4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753626
NCBI GeneID	13238
NCBI Accession #	NP_034169.1
NCBI GenBank Nucleotide #	NM_010039.1
UniProt Accession #	P28311; Q9QZL4; A3KPC1
Molecular Weight	10,272 Da
NCBI Official Full Name	alpha-defensin 4
NCBI Official Synonym Full Names	defensin, alpha, 4
NCBI Official Symbol	Defa4
NCBI Official Synonym Symbols	Crp4; Defa28; Defcr4
NCBI Protein Information	alpha-defensin 4; alpha-defensin, 28; defensin, alpha, 28; defensin related cryptdin 4; defensin-related cryptdin-4
UniProt Protein Name	Alpha-defensin 4
UniProt Gene Name	Defa4
UniProt Synonym Gene Names	Defcr4
UniProt Entry Name	DEFA4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/defa4-mouse-elisa-kits/defensin-alpha-4-corticostatin/18044>