

Mouse Defensin Alpha 5, Paneth Cell Specific ELISA Kit | Defa5 elisa kit

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CATALOG #
AAA17683

REACTIVITY
Mouse

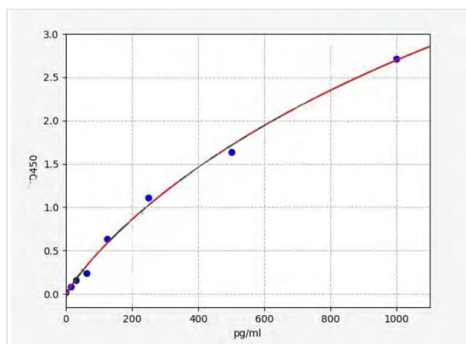
PRODUCT SYNONYMS

Defensin Alpha 5; Paneth Cell Specific; Mouse Defensin Alpha 5; Paneth Cell Specific ELISA Kit; Defa5/Defensin-related cryptdin-5; Defa5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Defa5. No significant cross-reactivity or interference between Defa5 and analogues was observed.
Sequence Length	94
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Defa5 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50057850
NCBI GeneID	1670
Molecular Weight	10,071 Da
NCBI Official Full Name	defensin, alpha 5, Paneth cell-specific
NCBI Official Synonym Full Names	defensin alpha 5
NCBI Official Symbol	DEFA5
NCBI Official Synonym Symbols	DEF5; HD-5
NCBI Protein Information	defensin-5
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.

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Online datasheet: <https://stage.aaabiotech.com/defa5-mouse-elisa-kits/defensin-alpha-5-paneth-cell-specific/17683>