

Mouse Defensin Alpha 5 Paneth Cell Specific ELISA Kit | DEFalpha5 elisa kit

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CATALOG #
AAA85520

REACTIVITY
Mouse

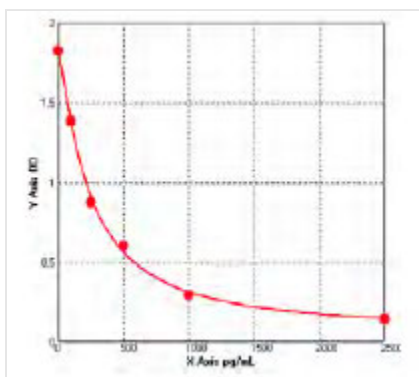
PRODUCT SYNONYMS

Defensin Alpha 5 Paneth Cell Specific; Mouse Defensin Alpha 5 Paneth Cell Specific ELISA Kit; DEFalpha5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFalpha5 elisa kit

Intended Uses: This DDX3X ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DDX3X. This ELISA kit for research use only!

Principle of the Assay: DDX3X ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-DDX3X antibody and an DDX3X-HRP conjugate. The assay sample and buffer are incubated together with DDX3X-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DDX3X concentration since DDX3X from samples and DDX3X-HRP conjugate compete for the anti-DDX3X antibody binding site. Since the number of sites is limited, as more sites are occupied by DDX3X from the sample, fewer sites are left to bind DDX3X-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDX3X concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DEFalpha5 elisa kit	Immunology
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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, 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.

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 Online datasheet: <https://stage.aaabiotech.com/defalpha5-mouse-elisa-kits/defensin-alpha-5-paneth-cell-specific/85520>