

Human Defensin Alpha 6, Paneth Cell Specific (DEFa6) ELISA Kit | DEFa6 elisa kit

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CATALOG #
AAA65997

REACTIVITY
Human

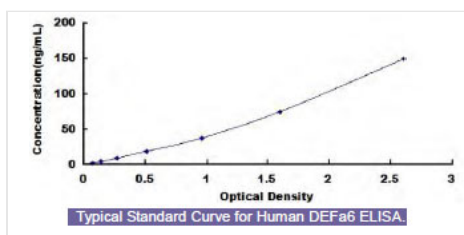
PRODUCT SYNONYMS

Defensin Alpha 6; Paneth Cell Specific (DEFa6); Human Defensin Alpha 6; Paneth Cell Specific (DEFa6) ELISA Kit; DEF6; Defensin-6; DEFa6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DEFa6. No significant cross-reactivity or interference between DEFa6 and analogues was observed.
Sequence Length	100
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	2.343-150ng/mL
Sensitivity	1.07ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DEFa6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DEFa6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFA6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DEFA6 in human serum, plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DEFA6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DEFA6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DEFA6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of DEFA6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503305
NCBI GeneID	1671
NCBI Accession #	NP_001917.1
NCBI GenBank Nucleotide #	NM_001926.3
UniProt Accession #	Q01524; Q6EZF9
Molecular Weight	10,975 Da
NCBI Official Full Name	defensin-6 preproprotein
NCBI Official Synonym Full Names	defensin alpha 6
NCBI Official Symbol	DEFA6
NCBI Official Synonym Symbols	DEF6; HD-6
NCBI Protein Information	defensin-6
UniProt Protein Name	Defensin-6
UniProt Gene Name	DEFA6
UniProt Synonym Gene Names	DEF6

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/human-elisa-kits/defensin-alpha-6-paneth-cell-specific-defa6/65997>