

Human defensin, alpha 1 ELISA Kit | DEFA1 elisa kit

Human defensin, alpha 1, DEFA1 ELISA Kit

CATALOG #
AAA15540

REACTIVITY
Human

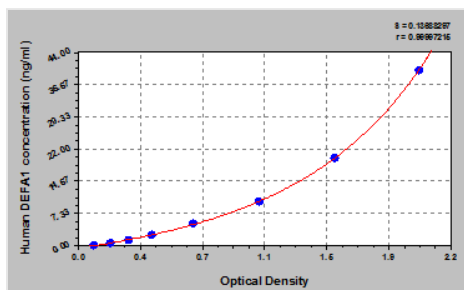
PRODUCT SYNONYMS

defensin; alpha 1; Human defensin; DEFA1 ELISA Kit; alpha 1 (DEFA1) ELISA kit; DEF1; DEFA2; HNP-1; HP-1; MGC138393; MRS; OTTHUMP00000196017; myeloid-related sequence; alpha 2; DEFA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human DEFA1. No significant cross-reactivity or interference between human DEFA1 and analogues was observed.
Sequence Length	94
Samples	Serum, plasma, urine
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 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 DEFA1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DEFA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DEFA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DEFA1 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 DEFA1 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 #	124248516
NCBI GeneID	728358
NCBI Accession #	NP_001035965.1
NCBI GenBank Nucleotide #	NM_001042500.1
UniProt Accession #	P59665; P11479; Q14125; Q6EZF6
Molecular Weight	10,201 Da
NCBI Official Full Name	neutrophil defensin 1
NCBI Official Synonym Full Names	defensin, alpha 1B
NCBI Official Symbol	DEFA1B
NCBI Official Synonym Symbols	HP1; HP-1; HNP-1
NCBI Protein Information	neutrophil defensin 1
UniProt Protein Name	Neutrophil defensin 1
UniProt Gene Name	DEFA1
UniProt Synonym Gene Names	DEF1; DEFA2; MRS DEFA1B; HP-1; HP1; HP-2; HP2
UniProt Entry Name	DEF1_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/defa1-human-elisa-kits/defensin-alpha-1/15540>