

Human defensin, alpha 3, neutrophil-specific ELISA Kit | DEFA3 elisa kit

Human Neutrophil defensin 3, DEFA3 ELISA Kit

CATALOG #
AAA15851

REACTIVITY
Human

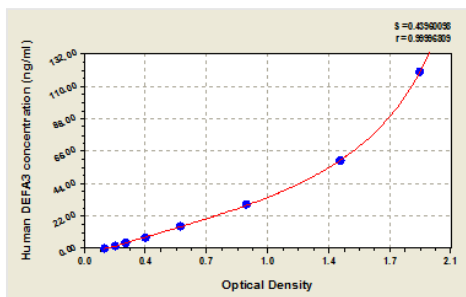
PRODUCT SYNONYMS

defensin; alpha 3; neutrophil-specific; Human Neutrophil defensin 3; DEFA3 ELISA Kit; Human Neutrophil defensin 3 (DEFA3) ELISA kit; DEF3; HNP-3; HNP3; HP-3; defensin 3; neutrophil peptide 3; DEFA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human DEFA3. No significant cross-reactivity or interference between human DEFA3 and analogues was observed.
Sequence Length	94
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.87 ng/ml-120 ng/ml
Sensitivity	< 0.47 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 DEFA3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DEFA3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DEFA3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DEFA3 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 DEFA3 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 #	4885179
NCBI GeneID	1668
NCBI Accession #	NP_005208.1
NCBI GenBank Nucleotide #	NM_005217.3
UniProt Accession #	P59666; P11479; Q14125
Molecular Weight	10,245 Da
NCBI Official Full Name	neutrophil defensin 3 preproprotein
NCBI Official Synonym Full Names	defensin, alpha 3, neutrophil-specific
NCBI Official Symbol	DEFA3
NCBI Official Synonym Symbols	HP3; DEF3; HNP3; HP-3; HNP-3
NCBI Protein Information	neutrophil defensin 3; neutrophil peptide 3; defensin 3, neutrophil-specific
UniProt Protein Name	Neutrophil defensin 3
UniProt Gene Name	DEFA3
UniProt Synonym Gene Names	DEF3; HP-3; HP3; HP-2; HP2
UniProt Entry Name	DEF3_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/defa3-human-elisa-kits/defensin-alpha-3-neutrophil-specific/15851>