

Human defensin, beta 1 ELISA Kit | DEFB1 elisa kit

Human beta-defensins 1 ELISA Kit

CATALOG #
AAA15556

REACTIVITY
Human

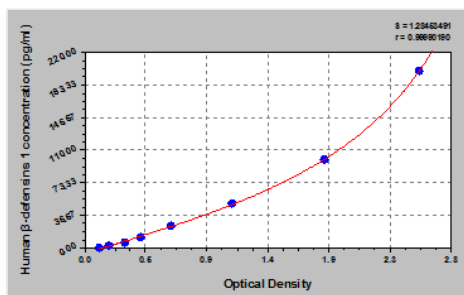
PRODUCT SYNONYMS

defensin; beta 1; Human beta-defensins 1 ELISA Kit; BD1; DEFB-1; DEFB101; HBD1; MGC51822; beta-defensin-1; DEFB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human beta-defensins 1. No significant cross-reactivity or interference between human beta-defensins 1 and analogues was observed.
Sequence Length	68
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/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 DEFB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for beta-defensins 1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta-defensins 1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta-defensins 1 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 beta-defensins 1 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 #	4885181
NCBI GeneID	1672
NCBI Accession #	NP_005209.1
NCBI GenBank Nucleotide #	NM_005218.3
UniProt Accession #	P60022; Q09753
Molecular Weight	7,420 Da
NCBI Official Full Name	beta-defensin 1 preproprotein
NCBI Official Synonym Full Names	defensin, beta 1
NCBI Official Symbol	DEFB1
NCBI Official Synonym Symbols	BD1; HBD1; DEFB-1; DEFB101
NCBI Protein Information	beta-defensin 1; BD-1; beta-defensin-1
UniProt Protein Name	Beta-defensin 1
UniProt Gene Name	DEFB1
UniProt Synonym Gene Names	BD1; HBD1; BD-1; hBD-1
UniProt Entry Name	DEFB1_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/defb1-human-elisa-kits/defensin-beta-1/15556>