

Human beta defensins 2 ELISA Kit | DEFB4 elisa kit

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CATALOG #
AAA15458

REACTIVITY
Human

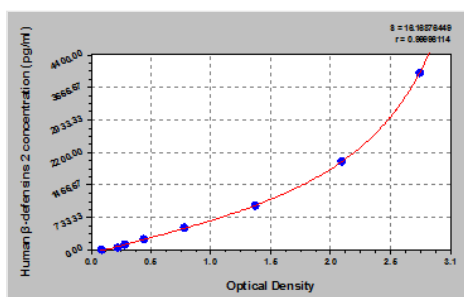
PRODUCT SYNONYMS

beta defensins 2; Human beta defensins 2 ELISA Kit; Human b defensins 2 ELISA Kit; DEFB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human beta-defensins 2. No significant cross-reactivity or interference between human beta-defensins 2 and analogues was observed.
Sequence Length	64
Assay Type	Quantitative Sandwich
Samples	Serum, urine, cell culture supernates, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 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 DEFB4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for beta-defensins 2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta-defensins 2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta-defensins 2 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 2 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 #	327532771
NCBI GeneID	100289462
NCBI Accession #	NP_001192195.1
NCBI GenBank Nucleotide #	NM_001205266.1
UniProt Accession #	O15263; Q52LC0
Molecular Weight	7,038 Da
NCBI Official Full Name	beta-defensin 4B
NCBI Official Synonym Full Names	defensin, beta 4B
NCBI Official Symbol	DEFB4B
NCBI Official Synonym Symbols	DEFB4P
NCBI Protein Information	beta-defensin 4B; defensin, beta 4, pseudogene
UniProt Protein Name	Beta-defensin 4A
UniProt Gene Name	DEFB4A
UniProt Synonym Gene Names	DEFB102; DEFB2; DEFB4 DEFB4B; BD-2; hBD-2; SAP1
UniProt Entry Name	DFB4A_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/defb4-human-elisa-kits/beta-defensins-2/15458>