

Human Defensin Beta 112 (DEFb112) ELISA Kit | DEFb112 elisa kit

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CATALOG #
AAA64537

REACTIVITY
Human

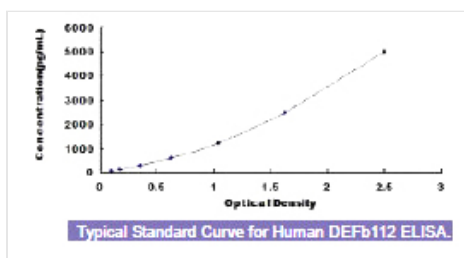
PRODUCT SYNONYMS

Defensin Beta 112 (DEFb112); Human Defensin Beta 112 (DEFb112) ELISA Kit; DEFB-12; DEFb112 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DEFb112. No significant cross-reactivity or interference between DEFb112 and analogues was observed.
Sequence Length	113
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	29.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DEFb112 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 DEFb112 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 DEFb112 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DEFb112 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DEFb112. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DEFb112. 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 DEFb112, 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 DEFb112 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 #	82734217
NCBI GeneID	245915
NCBI Accession #	NP_001032587.1
NCBI GenBank Nucleotide #	NM_001037498.1
UniProt Accession #	Q30KQ8; Q8NET0
Molecular Weight	12,991 Da
NCBI Official Full Name	beta-defensin 112
NCBI Official Synonym Full Names	defensin beta 112
NCBI Official Symbol	DEFB112
NCBI Official Synonym Symbols	DEFB-12
NCBI Protein Information	beta-defensin 112
UniProt Protein Name	Beta-defensin 112
UniProt Gene Name	DEFB112
UniProt Synonym Gene Names	DEFB12; DEFB-12

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-beta-112-defb112/64537>