

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

Human Defensin Beta 112 (DEFb112) ELISA Kit

CATALOG #
AAA138124

REACTIVITY
Human

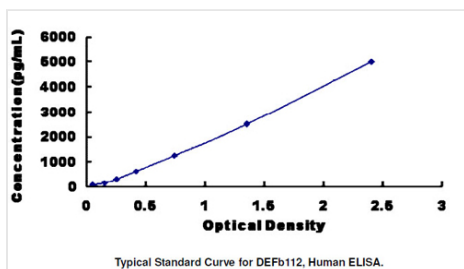
PRODUCT SYNONYMS

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 Defensin Beta 112 (DEFb112). No significant cross-reactivity or interference between Defensin Beta 112 (DEFb112) and analogues was observed.
Sequence Length	113
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	30pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Defensin Beta 112 (DEFb112) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Defensin Beta 112 (DEFb112) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFb112 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Defensin Beta 112 (DEFb112). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Defensin Beta 112 (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 Defensin Beta 112 (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 Defensin Beta 112 (DEFb112) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for DEFb112 elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	22252910
NCBI GeneID	245915
UniProt Accession #	Q30KQ8; Q8NET0
Molecular Weight	12,991 Da
NCBI Official Full Name	defensin beta 112, partial
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
UniProt Entry Name	DB112_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/defensin-beta-112-defb112/138124>