

Human Defensin Beta 131 (DEFb131) ELISA Kit | DEFb131 elisa kit

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CATALOG #
AAA66502

REACTIVITY
Human

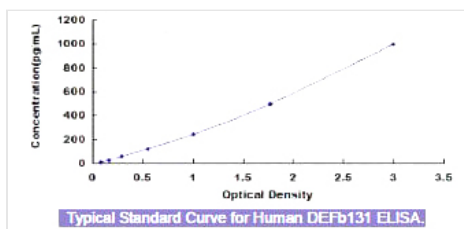
PRODUCT SYNONYMS

Defensin Beta 131 (DEFb131); Human Defensin Beta 131 (DEFb131) ELISA Kit; DEFb-31; DEFb131 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DEFb131. No significant cross-reactivity or interference between DEFb131 and analogues was observed.
Sequence Length	70
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DEFb131 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
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 DEFb131 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DEFb131 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DEFb131. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DEFb131. 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 DEFb131, 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 DEFb131 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	149944551
NCBI GeneID	644414
NCBI Accession #	NP_001035538.2
NCBI GenBank Nucleotide #	NM_001040448.2
UniProt Accession #	P59861
Molecular Weight	8,199 Da
NCBI Official Full Name	beta-defensin 131
NCBI Official Synonym Full Names	defensin beta 131
NCBI Official Symbol	DEFB131
NCBI Official Synonym Symbols	DEFB-31
NCBI Protein Information	beta-defensin 131
UniProt Protein Name	Beta-defensin 131
UniProt Gene Name	DEFB131
UniProt Synonym Gene Names	DEFB31; DEFB-31

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-131-defb131/66502>