

Human Beta-Defensin 2 (DEFB2) ELISA Kit | DEFB2 elisa kit

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CATALOG #
AAA331960

REACTIVITY
Human

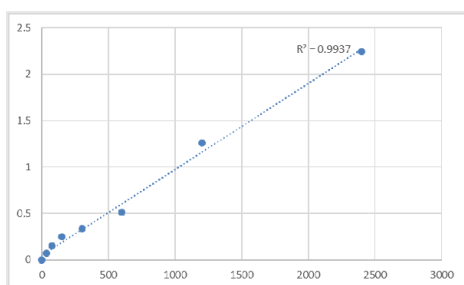
PRODUCT SYNONYMS

Beta-Defensin 2 (DEFB2); Human Beta-Defensin 2 (DEFB2) ELISA Kit; DEFB2; DEFB-2; DEFB102; HBD-2; SAP1; defensin; beta 2; skin-antimicrobial peptide 1; DEFB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Beta-defensin 2 (DEFB2) ELISA Kit has high sensitivity and excellent specificity for detection of Human DEFB2. No significant cross-reactivity or interference between Human DEFB2 and analogues was observed.
Sequence Length	64
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Beta-defensin 2 (DEFB2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for DEFB2 elisa kit	Description: This Human Beta-defensin 2 (DEFB2) ELISA Kit employs a two-site sandwich ELISA to quantitate DEFB2 in samples. An antibody specific for DEFB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DEFB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DEFB2 is added to the wells. After washing, Streptavidin 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 DEFB2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. DEFB4B encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3023383
NCBI GeneID	1673
UniProt Accession #	O15263
NCBI Official Full Name	Beta-defensin 4A
NCBI Official Synonym Full Names	defensin beta 4A
NCBI Official Symbol	DEFB4A
NCBI Official Synonym Symbols	BD-2; SAP1; DEFB2; DEFB4; HBD-2; DEFB-2; DEFB102
NCBI Protein Information	beta-defensin 4A
UniProt Protein Name	Beta-defensin 4A
UniProt Gene Name	DEFB4A
UniProt Synonym Gene Names	DEFB102; DEFB2; DEFB4; 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.