Human Beta-defensin 129 ELISA Kit | DEFB129 elisa kit

Human Beta-defensin 129 ELISA Kit

CATALOG #	REACTIVITY
AAA99831	**Human**

PRODUCT SYNONYMS

Beta-defensin 129; Human Beta-defensin 129 ELISA Kit; DEFB129 (Beta-defensin 129)/Beta-defensin 29/DEFB-29/Defensin; beta 129; DEFB129 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DEFB129. No significant cross-reactivity or interference between DEFB129 and analogues was observed.
Sequence Length	183
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DEFB129 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DEFB129 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB129 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-DEFB129 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- DEFB129 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the DEFB129 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of DEFB129 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18250304
NCBI GeneID	140881
NCBI Accession #	NP_543021.1
NCBI GenBank Nucleotide #	NM_080831.3
Molecular Weight	20,299 Da
NCBI Official Full Name	beta-defensin 129
NCBI Official Synonym Full Names	defensin beta 129
NCBI Official Symbol	DEFB129
NCBI Official Synonym Symbols	DEFB29; hBD-29; DEFB-29; C20orf87; bA530N10.3
NCBI Protein Information	beta-defensin 129
UniProt Protein Name	Beta-defensin 129
UniProt Gene Name	**DEFB129**
UniProt Synonym Gene Names	C20orf87; DEFB29; DEFB-29
UniProt Entry Name	DB129_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/defb129-human-elisa-kits/beta-defensin-129/99831