

Human Beta-defensin 127 ELISA Kit | DEFB127 elisa kit

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CATALOG #
AAA98020

REACTIVITY
Human

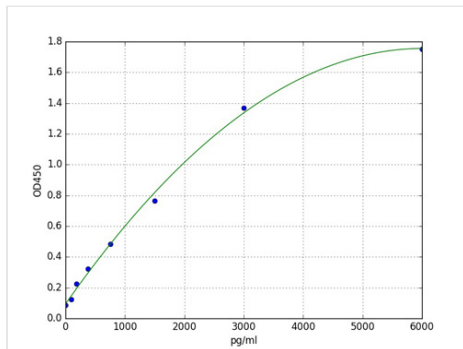
PRODUCT SYNONYMS

Beta-defensin 127; Human Beta-defensin 127 ELISA Kit; DEFB127 (Beta-defensin 127)/Beta-defensin 27/DEFB-27/Defensin; beta 127; DEFB127 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	99
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	93.75-6000pg/ml
Sensitivity	56.25pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human DEFB127 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	93.8	187.5	375	750	1500	3000	6000
Y	OD450	0.083	0.130	0.218	0.306	0.493	0.712	1.353	1.896

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB127 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human DEFB127 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human DEFB127 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human DEFB127 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human DEFB127 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21040279
NCBI GeneID	140850
NCBI Accession #	NP_620713.1
NCBI GenBank Nucleotide #	NM_139074.3
Molecular Weight	11,343 Da
NCBI Official Full Name	beta-defensin 127 preproprotein
NCBI Official Synonym Full Names	defensin beta 127
NCBI Official Symbol	DEFB127
NCBI Official Synonym Symbols	DEF-27; DEFB27; hBD-27; DEFB-27; C20orf73; bA530N10.2
NCBI Protein Information	beta-defensin 127
UniProt Protein Name	Beta-defensin 127
UniProt Gene Name	DEFB127
UniProt Synonym Gene Names	C20orf73; DEFB27; DEFB-27
UniProt Entry Name	DB127_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.

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Online datasheet: <https://stage.aaabiotech.com/defb127-human-elisa-kits/beta-defensin-127/98020>