

Human Beta-defensin 126 ELISA Kit | DEFB126 elisa kit

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CATALOG #
AAA101944

REACTIVITY
Human

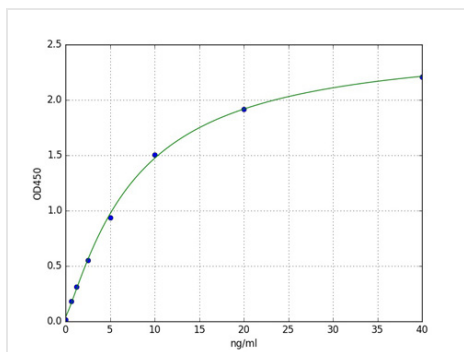
PRODUCT SYNONYMS

Beta-defensin 126; Human Beta-defensin 126 ELISA Kit; DEFB126 (Beta-defensin 126)/Epididymal secretory protein/Beta-defensin 26/DEFB-26/Defensin; beta 126/C20orf8/DEFB26; DEFB126 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	111
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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 DEFB126 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	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.028	0.068	0.099	0.166	0.302	0.694	1.367	2.063

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB126 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human DEFB126 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human DEFB126 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 DEFB126 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human DEFB126 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13624333
NCBI GeneID	81623
NCBI Accession #	NP_112193.1
NCBI GenBank Nucleotide #	NM_030931.3
Molecular Weight	12,174 Da
NCBI Official Full Name	beta-defensin 126 preproprotein
NCBI Official Synonym Full Names	defensin beta 126
NCBI Official Symbol	DEFB126
NCBI Official Synonym Symbols	DEFB26; hBD-26; C20orf8; DEFB-26; bA530N10.1
NCBI Protein Information	beta-defensin 126
UniProt Protein Name	Beta-defensin 126
UniProt Gene Name	DEFB126
UniProt Synonym Gene Names	C20orf8; DEFB26; DEFB-26; ESP13.2
UniProt Entry Name	DB126_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/defb126-human-elisa-kits/beta-defensin-126/101944>