

Human Beta-defensin 119 ELISA Kit | DEFB119 elisa kit

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CATALOG #
AAA99050

REACTIVITY
Human

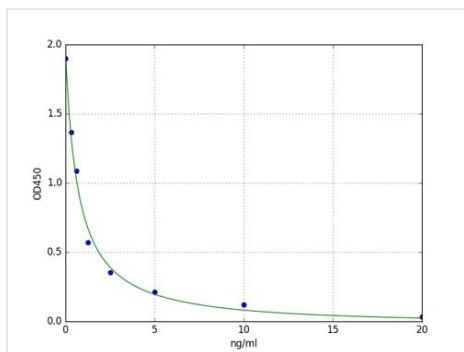
PRODUCT SYNONYMS

Beta-defensin 119; Human Beta-defensin 119 ELISA Kit; DEFB119/ESC42-RELA/Defensin; beta 120/Defensin; beta 119/Beta-defensin 20 (DEFB-20)/Beta-defensin 120/Beta-defensin 19 (DEFB-19); DEFB119 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	84
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 DEFB119 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	2.334	1.873	1.474	1.319	0.888	0.599	0.458	0.361

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB119 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DEFB119. During the reaction, Human DEFB119 in the sample or standard competes with a fixed amount of biotin-labeled Human DEFB119 for sites on a pre-coated Monoclonal antibody specific to Human DEFB119. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human DEFB119 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104911
NCBI GeneID	746052
NCBI Accession #	NP_001095143.1
NCBI GenBank Nucleotide #	NM_001101673.1
Molecular Weight	10,077 Da
NCBI Official Full Name	beta-defensin 119
NCBI Official Symbol	DEFB119
NCBI Official Synonym Symbols	DEFB120
NCBI Protein Information	beta-defensin 119
UniProt Protein Name	Beta-defensin 119
UniProt Gene Name	DEFB119
UniProt Synonym Gene Names	DEFB120
UniProt Entry Name	DB119_PANTR

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/defb119-human-elisa-kits/beta-defensin-119/99050>