

Human Beta-defensin 5 (Beta-defensin 105) ELISA Kit | DEFB105A elisa kit

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CATALOG #
AAA248594

REACTIVITY
Human

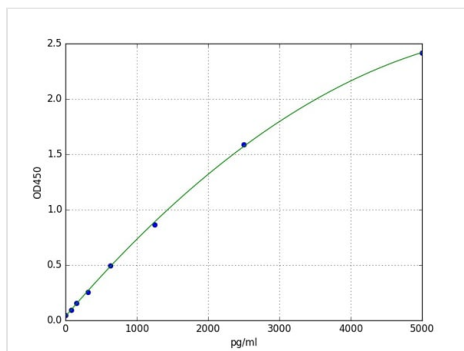
PRODUCT SYNONYMS

Beta-defensin 5 (Beta-defensin 105); Human Beta-defensin 5 (Beta-defensin 105) ELISA Kit; Beta-defensin 105; DEFB105A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	78
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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)

ADDITIONAL INFORMATION

Related Product Information for DEFB105A elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Beta-defensin 5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Beta-defensin 5 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 Beta-defensin 5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Beta-defensin 5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

22748617

NCBI GeneID	245908
NCBI Accession #	NP_689463.1
NCBI GenBank Nucleotide #	NM_152250.2
UniProt Accession #	Q8NG35 ; Q8IZN8 ; A1A581
Molecular Weight	8,923 Da
NCBI Official Full Name	beta-defensin 105
NCBI Official Synonym Full Names	defensin beta 105A
NCBI Official Symbol	DEFB105A
NCBI Official Synonym Symbols	BD-5; DEFB-5; DEFB105
NCBI Protein Information	beta-defensin 105
UniProt Protein Name	Beta-defensin 105
UniProt Gene Name	DEFB105A
UniProt Synonym Gene Names	BD5; DEFB105; DEFB5; BD-5; DEFB-5

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/human-elisa-kits/beta-defensin-5-beta-defensin-105/248594>