

Rat Beta-defensin 4 ELISA Kit | Defb4 elisa kit

Rat Beta-defensin 4 ELISA Kit

CATALOG #
AAA99292

REACTIVITY
Rat

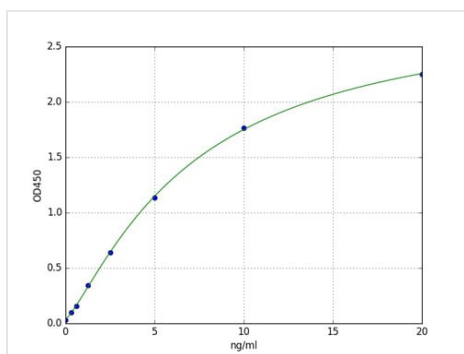
PRODUCT SYNONYMS

Beta-defensin 4; Rat Beta-defensin 4 ELISA Kit; Defb4/BD-2/DEFB2/DEFB4A/DEFB4B/HBD-2/SAP-1/Beta-defensin 2/DEFB-2/DEFB2DEFB102/DEFB4beta-defensin 4A/Defensin; beta 2Skin-antimicrobial peptide 1/defensin; beta 4/defensin; beta 4A/HBD-2/hBD-2/SAP1BD-2; Defb4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	72
Assay Type	Sandwich ELISA, Double Antibody
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 Rat Defb4 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	0.016	0.028	0.039	0.060	0.173	0.983	1.723	2.294

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Defb4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat Defb4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Defb4 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 Rat Defb4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Defb4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17385081
UniProt Accession #	Q8WTQ1; Q496I2; Q496I3; Q496I4
Molecular Weight	8,526 Da
NCBI Official Full Name	beta-defensin 4
UniProt Protein Name	Beta-defensin 104
UniProt Gene Name	DEFB104A
UniProt Synonym Gene Names	DEFB104; DEFB4; BD-4; DEFB-4; hBD-4
UniProt Entry Name	D104A_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/defb4-rat-elisa-kits/beta-defensin-4/99292>