

Rat Beta-Defensins 2 (DEFbeta2) ELISA Kit | DEFbeta2 elisa kit

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CATALOG #
AAA179829

REACTIVITY
Rat

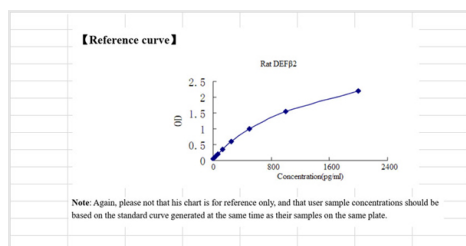
PRODUCT SYNONYMS

Beta-Defensins 2 (DEFbeta2); Rat Beta-Defensins 2 (DEFbeta2) ELISA Kit; Rat Beta-Defensins 2 (DEFb2) ELISA Kit; DEFbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	64
Assay Type	Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFbeta2 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat DEFbeta2 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

3023383

NCBI GeneID	1673
Molecular Weight	7,038 Da
NCBI Official Full Name	Beta-defensin 4A
NCBI Official Synonym Full Names	defensin, beta 4A
NCBI Official Symbol	DEFB4A
NCBI Official Synonym Symbols	BD-2; SAP1; DEFB2; DEFB4; HBD-2; DEFB-2; DEFB102
NCBI Protein Information	beta-defensin 4A; defensin, beta 2; defensin, beta 4; skin-antimicrobial peptide 1
UniProt Protein Name	Beta-defensin 4A
UniProt Gene Name	DEFB4A
UniProt Synonym Gene Names	DEFB102; DEFB2; DEFB4 DEFB4B ; BD-2; hBD-2; SAP1
UniProt Entry Name	DFB4A_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/rat-elisa-kits/beta-defensins-2-defbeta2/179829>