

Bovine Defensin Beta 2 (DEFb2) RTU ELISA Kit | DEFb2 rtu elisa kit

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CATALOG #
AAA70202

REACTIVITY
Bovine

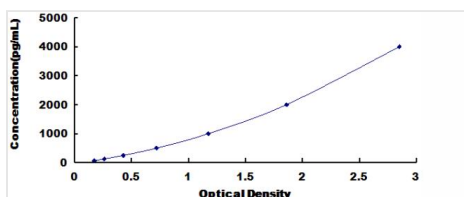
PRODUCT SYNONYMS

Defensin Beta 2 (DEFb2); Bovine Defensin Beta 2 (DEFb2) ELISA Kit; B-DF2; DEFB2; BD2; DEF-B2; HBD2; DEFB102; HBD-2; SAP1; DEFB4A; DEFB4; Skin-Antimicrobial Peptide 1; DEFb2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	40
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	62.5-4000pg/mL
Sensitivity	25.7pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFb2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DEFb2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DEFb2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DEFb2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DEFb2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168628
NCBI GeneID	404063
UniProt Accession #	P46160; P46167
Molecular Weight	4,649 Da
NCBI Official Full Name	Beta-defensin 2
NCBI Official Symbol	LOC404063
NCBI Official Synonym Symbols	DEFB2; BNBD-2; BNDB-2; BNBD-9-LIKE
NCBI Protein Information	uncharacterized LOC404063; Beta-defensin 2; neutrophil beta-defensin-9 like peptide
UniProt Protein Name	Beta-defensin 2
UniProt Gene Name	DEFB2

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/bovine-ovine-rtu-elisa-kits/defensin-beta-2-defb2/70202>