

Rat Defensin Beta 2 ELISA Kit | DEFbeta2 elisa kit

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 CATALOG #
AAA85198

 REACTIVITY
Rat

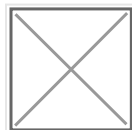
PRODUCT SYNONYMS

Defensin Beta 2; Rat Defensin Beta 2 ELISA Kit; DEFbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFbeta2 elisa kit

Intended Uses: This DEFbeta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat DEFbeta2. This ELISA kit for research use only!

Principle of the Assay: DEFbeta2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DEFbeta2. Standards or samples are then added to the microtiter plate wells and DEFbeta2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DEFbeta2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for DEFbeta2 are added to each well to "sandwich" the DEFbeta2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DEFbeta2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DEFbeta2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DEFbeta2 elisa kit

[Microbiology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI

[80478968](#)

NCBI GeneID	13215
Molecular Weight	7,820 Da
NCBI Official Full Name	Defensin beta 2
NCBI Official Synonym Full Names	defensin beta 2
NCBI Official Symbol	Defb2
NCBI Official Synonym Symbols	BD-2
NCBI Protein Information	beta-defensin 2
UniProt Protein Name	Beta-defensin 2
UniProt Gene Name	Defb2
UniProt Synonym Gene Names	BD-2; mBD-2
UniProt Entry Name	DEFB2_MOUSE

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/defbeta2-rat-elisa-kits/defensin-beta-2/85198>