

Rat beta Defensins ELISA Kit | BDF elisa kit

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CATALOG #
AAA83679

REACTIVITY
Rat

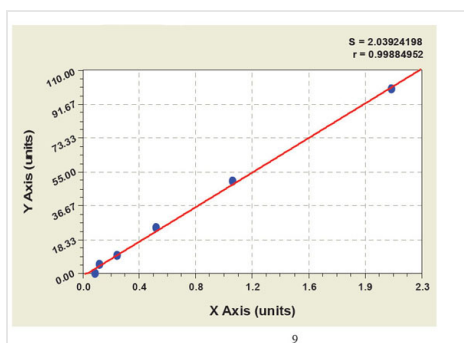
PRODUCT SYNONYMS

beta Defensins; Rat beta Defensins ELISA Kit; Rat b Defensins ELISA Kit; BDF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 ug/mL.
Intended Uses	This betaDF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat betaDF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDF elisa kit

Principle of the Assay: betaDF ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for betaDF. Standards or samples are then added to the microtiter plate wells and betaDF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of betaDF present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for betaDF are added to each well to "sandwich" the betaDF 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 betaDF 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 betaDF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BDF elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	125656159
NCBI GeneID	414325
NCBI Accession #	NP_001075020.1
NCBI GenBank Nucleotide #	NM_001081551.3
Molecular Weight	7,697 Da
NCBI Official Full Name	beta-defensin 103
NCBI Official Synonym Full Names	defensin, beta 103A
NCBI Official Symbol	DEFB103A
NCBI Official Synonym Symbols	BD-3; HBD3; HBP3; DEFB3; HBP-3; hBD-3; DEFB-3; DEFB103
NCBI Protein Information	beta-defensin 103; beta-defensin 3; defensin, beta 3; defensin, beta 103; defensin-like protein
UniProt Protein Name	Beta-defensin 103
UniProt Gene Name	DEFB103A
UniProt Synonym Gene Names	BD3; DEFB103; DEFB3 DEFB103B; BD-3; DEFB-3; HBD3; hBD-3
UniProt Entry Name	D103A_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/bdf-rat-elisa-kits/beta-defensins/83679>