

Rabbit Defensin Beta 2 ELISA Kit | DEFbeta2 elisa kit

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CATALOG #
AAA83322

REACTIVITY
Rabbit

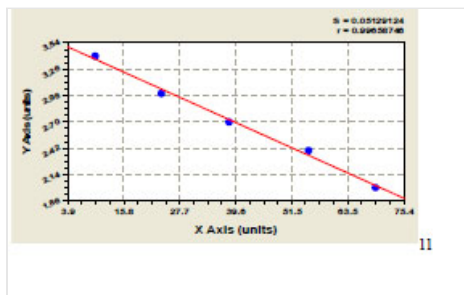
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/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

Principle of the assay: DEF?2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique utilizing a monoclonal anti-DEF?2 antibody and an DEF?2-HRP conjugate. The assay sample and buffer are incubated together with DEF?2-HRP conjugate in pre-coated plate for on hour. After the incubation period , the well are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DEF?2 concentration since DEF?2 from samples and DEF?2-HRP conjugate compete for the anti-DEF?2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DEF?2 from the sample, fewer sites are left to bind DEF?2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DEF?2concentration 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-rabbit-elisa-kits/defensin-beta-2/83322>