

Mouse Beta-Defensin 3 ELISA Kit | DEFb3 elisa kit

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CATALOG # AAA96184	REACTIVITY Mouse
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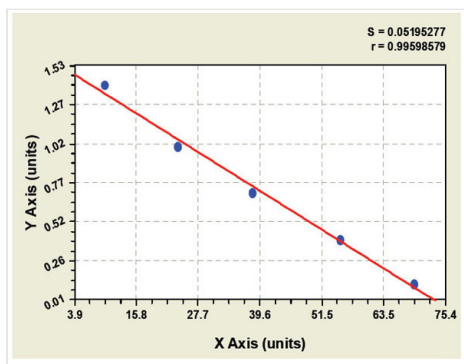
PRODUCT SYNONYMS

Beta-Defensin 3; Mouse Beta-Defensin 3 ELISA Kit; DEFb3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This DEFb3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DEFb3. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFb3 elisa kit	Principle of the Assay: DEFb3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DEFb3 antibody and an DEFb3-HRP conjugate. The assay sample and buffer are incubated together with DEFb3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells 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 DEFb3 concentration since DEFb3 from samples and DEFb3-HRP conjugate compete for the anti-DEFb3 antibody binding site. Since the number of sites is limited, as more sites are occupied by DEFb3 from the sample, fewer sites are left to bind DEFb3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DEFb3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DEFb3 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	209572853
Molecular Weight	7,408 Da
NCBI Official Full Name	Defensin-B3
UniProt Protein Name	Defensin-B3
UniProt Gene Name	DefB3
UniProt Synonym Gene Names	OaDefB3
UniProt Entry Name	DEFB3_ORNAN

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/defb3-mouse-elisa-kits/beta-defensin-3/96184>