

Mouse Defensins alpha 2 ELISA Kit | DEFA2 elisa kit

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CATALOG #
AAA84522

REACTIVITY
Mouse

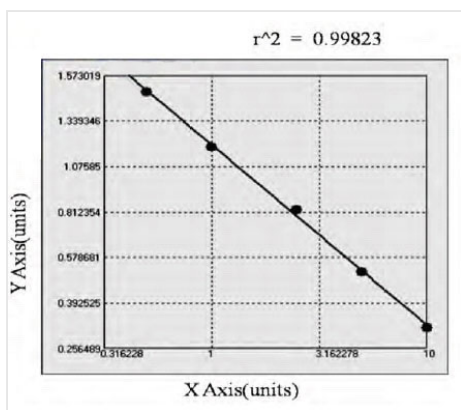
PRODUCT SYNONYMS

Defensins alpha 2; Mouse Defensins alpha 2 ELISA Kit; DEFA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Intended Uses	This DEFA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DEFA2. 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 DEFA2 elisa kit

Principle of the Assay: DEFA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DEFA2 antibody and an DEFA2-HRP conjugate. The assay sample and buffer are incubated together with DEFA2-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 DEFA2 concentration since DEFA2 from samples and DEFA2-HRP conjugate compete for the anti-DEFA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DEFA2 from the sample, fewer sites are left to bind DEFA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DEFA2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58429942
Molecular Weight	10,405 Da
NCBI Official Full Name	defensin alpha 2
UniProt Protein Name	Defensin alpha 2
UniProt Gene Name	DEFA2
UniProt Entry Name	Q5G857_PAPAN

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://www.aaabiotech.com/defa2-mouse-elisa-kits/defensins-alpha-2/84522>