

Mouse Eosinophil-associated ribonuclease A family member 12 ELISA Kit | EAR12 elisa kit

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CATALOG # AAA86216	REACTIVITY Mouse
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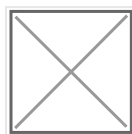
PRODUCT SYNONYMS

Eosinophil-associated ribonuclease A family member 12; Mouse Eosinophil-associated ribonuclease A family member 12 ELISA Kit; EAR12 elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EAR12 elisa kit	<p>Intended Uses: This EAR12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse EAR12. This ELISA kit for research use only!</p> <p>Principle of the Assay: EAR12 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EAR12 antibody and an EAR12-HRP conjugate. The assay sample and buffer are incubated together with EAR12-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 EAR12 concentration since EAR12 from samples and EAR12-HRP conjugate compete for the anti-EAR12 antibody binding site. Since the number of sites is limited, as more sites are occupied by EAR12 from the sample, fewer sites are left to bind EAR12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EAR12 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for EAR12 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	61097919
NCBI GeneID	503845

NCBI Accession #	NP_001012784.1
NCBI GenBank Nucleotide #	NM_001012766.1
NCBI Official Full Name	eosinophil-associated, ribonuclease A family, member 12
NCBI Official Synonym Full Names	eosinophil-associated, ribonuclease A family, member 12
NCBI Official Symbol	Ear12
NCBI Protein Information	eosinophil-associated, ribonuclease A family, member 12

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/ear12-mouse-elisa-kits/eosinophil-associated-ribonuclease-a-family-member-12/86216>