Sheep Eosinophil-associated ribonuclease A family member 3 ELISA Kit | EAR3 elisa kit

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CATALOG #	REACTIVITY
AAA97574	**Sheep**

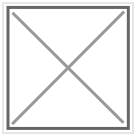
PRODUCT SYNONYMS

Eosinophil-associated ribonuclease A family member 3; Sheep Eosinophil-associated ribonuclease A family member 3 ELISA Kit; EAR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EAR3 elisa kit	**Principle of the assay:** EAR3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EAR3 antibody and an EAR3-HRP conjugate. The assay sample and buffer are incubated together with EAR3-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 EAR3 concentration since EAR3 from samples and EAR3-HRP conjugate compete for the anti-EAR3 antibody binding site. Since the number of sites is limited, as more sites are occupied by EAR3 from the sample, fewer sites are left to bind EAR3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EAR3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for EAR3 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	157169982
NCBI GeneID	53876
Molecular Weight	17,745 Da
NCBI Official Full Name	Eosinophil-associated, ribonuclease A family, member 3

NCBI Official Synonym Full Names	eosinophil-associated, ribonuclease A family, member 3
NCBI Official Symbol	Ear3
NCBI Official Synonym Symbols	mR3; Rnase3
NCBI Protein Information	eosinophil cationic-type ribonuclease 3; MR-3; murine ribonuclease 3; ribonuclease, RNase A family 3; eosinophil-associated ribonuclease 3
UniProt Protein Name	Eosinophil cationic-type ribonuclease 3
UniProt Gene Name	**Ear3**
UniProt Synonym Gene Names	Rnase3
UniProt Entry Name	ECP3_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/ear3-sheep-elisa-kits/eosinophil-associated-ribonuclease-a-family-member-3/97574