

Mouse Artemin ELISA Kit | ART elisa kit

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CATALOG #
AAA86761

REACTIVITY
Mouse

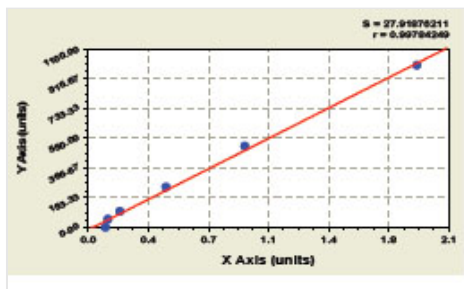
PRODUCT SYNONYMS

Artemin; Mouse Artemin ELISA Kit; ART elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ART ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ART. 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 ART elisa kit

Principle of the assay: ART ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ART. Standards or samples are then added to the microtiter plate wells and ART if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ART present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ART are added to each well to "sandwich" the ART immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ART and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ART concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ART elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4235100
NCBI GeneID	9048
Molecular Weight	23,616 Da
NCBI Official Full Name	Artemin
NCBI Official Synonym Full Names	artemin
NCBI Official Symbol	ARTN
NCBI Official Synonym Symbols	EVN; NBN; ENOVIN
NCBI Protein Information	artemin; neublastin; neurotrophic factor
UniProt Protein Name	Artemin
UniProt Gene Name	ARTN
UniProt Synonym Gene Names	EVN
UniProt Entry Name	ARTN_HUMAN

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/art-mouse-elisa-kits/artemin/86761>