

Sheep Artemin ELISA Kit | ART elisa kit

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CATALOG #
AAA91758

REACTIVITY
Sheep

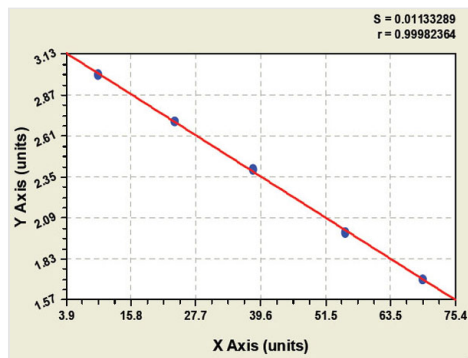
PRODUCT SYNONYMS

Artemin; Sheep Artemin ELISA Kit; ART elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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 Sheep 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-ART antibody and an ART-HRP conjugate. The assay sample and buffer are incubated together with ART-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 ART concentration since ART from samples and ART-HRP conjugate compete for the anti-ART antibody binding site. Since the number of sites is limited, as more sites are occupied by ART from the sample, fewer sites are left to bind ART-HRP conjugate. 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/art-sheep-elisa-kits/artemin/91758>