

Human ARTN (Artemin) ELISA Kit | ARTN elisa kit

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CATALOG #
AAA250175

REACTIVITY
Human

PRODUCT SYNONYMS

ARTN (Artemin); Human ARTN (Artemin) ELISA Kit; Artemin; Enovin; Neublastin; ARTN; EVN; ARTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARTN. No significant cross -reactivity or interference between ARTN and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.78-50pg/ml
Sensitivity	0.46pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for ARTN elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4235100
NCBI GeneID	9048
UniProt Accession #	Q5T4W7; O95441; O96030; Q6P6A3; D3DPY1; D3DPY3
Molecular Weight	22,878 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://www.aaabiotech.com/human-elisa-kits/artn-artemin/250175>