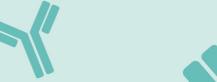
antibodies - online.com







ARTN ELISA Kit





Overview

Quantity:	96 tests
Target:	ARTN
Binding Specificity:	AA 108-220
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details	
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Artemin. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli, Immunogen sequence: A108-G220
Sensitivity:	< 2 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

biotinylated antibody (dilution 1:100)

Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)

Sample diluent buffer

Antibody diluent buffer

ABC diluent buffer

TMB color developing agent

TMB stop solution

Adhesive cover

Target Details

Target:	ARTN
Alternative Name:	ARTN (ARTN Products)
Background:	Synonyms: Artemin, Enovin, Neublastin, ARTN, EVN
	Tissue Specificity: Ubiquitous. Expressed at high levels in peripheral tissues including prostate,
	placenta, pancreas, heart, kidney, pituitary gland, lung and testis. Expressed at low levels in the
	brain.
	Background: Artemin, also known as enovin or neublastin, is a protein that in humans is
	encoded by the ARTN gene. This gene encodes a secreted ligand of the glial cell line-derived
	neurotrophic factor (GDNF) subfamily and TGF-beta (transforming growth factor-beta)
	superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to
	recruitment and activation of SMAD family transcription factors that regulate gene expression.
	The encoded preproprotein is proteolytically processed to generate each subunit of the
	disulfide-linked homodimer. This protein signals through the RET receptor and GFR alpha 3
	coreceptor, and supports the survival of a number of peripheral neuron populations and at least
	one population of dopaminergic CNS neurons. This protein has also been shown to promote
	tumor growth, metastasis, and drug resistance in mammary carcinoma.
	Cellular Localisation: Secreted.
UniProt:	Q5T4W7

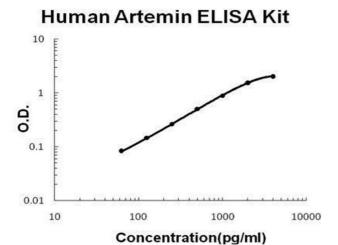
Application Details

Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months

Images



ELISA

Image 1. Human Artemin PicoKine ELISA Kit standard curve