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Datasheet for ABIN5510657

Afamin ELISA Kit

1 Image

1 Publication

Overview

Quantity: 96 tests

Target: Afamin (AFM)

Binding Specificity: AA 22-599

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Afamin

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: NSO, Immunogen sequence: L22-N599

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Characteristics: Tissue Specificity: High level detected in plasma but also in extravascular fluids such as follicular and cerebrospinal fluids (at protein level).

Target Details

Target: Afamin (AFM)

Alternative Name: AFM ([AFM Products](#))

Target Details

Background: Protein Function: Vitamin E binding protein. May transport vitamin E in body fluids under conditions where the lipoprotein system is not sufficient. May be involved in the regulation and transport of vitamin E at the blood-brain barrier. .

Background: Afamin is a protein that in humans is encoded by the AFM gene. This gene is a member of the albumin gene family, which is comprised of four genes that localize to chromosome 4 in a tandem arrangement. These four genes encode structurally-related serum transport proteins that are known to be evolutionarily related. The protein encoded by this gene is regulated developmentally, expressed in the liver and secreted into the bloodstream.

Synonyms: Afamin,Alpha-albumin,Alpha-Alb,AFM,ALB2, ALBA,

Full Gene Name: Afamin

Cellular Localisation: Secreted.

UniProt: [P43652](#)

Application Details

Plate: Pre-coated

Restrictions: For Research Use only

Handling

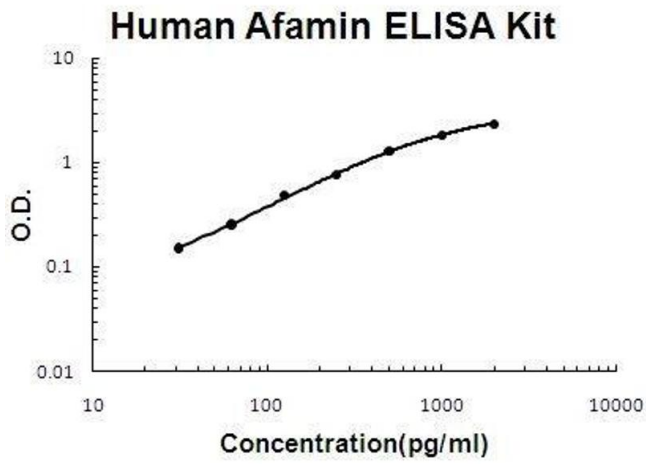
Storage: 4 °C,-20 °C

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

Publications

Product cited in: Iori, Vinci, Murphy, Marescotti, Avogaro, Ahluwalia: "Glucose and fatty acid metabolism in a 3 tissue in-vitro model challenged with normo- and hyperglycaemia." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e34704, (2012) ([PubMed](#)).



ELISA

Image 1. Human Afamin PicoKine ELISA Kit standard curve