

ARG81587 Human Afamin / alpha Albumin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81587-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81587-002	Standard	2 X 10 ng/vial	4°C
ARG81587-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81587-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81587-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81587-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81587-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81587-008	25X Wash buffer	20 ml	4°C
ARG81587-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81587-010	STOP solution	10 ml (Ready to use)	4°C
ARG81587-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81587 Human Afamin / alpha Albumin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Afamin / alpha Albumin in serum, urine and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Afamin / alpha Albumin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, urine and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.3% Inter-Assay CV: 7.3%
Alternate Names	Alpha-albumin; ALF; ALBA; ALB2; Afamin; Alpha-Alb

Application Instructions

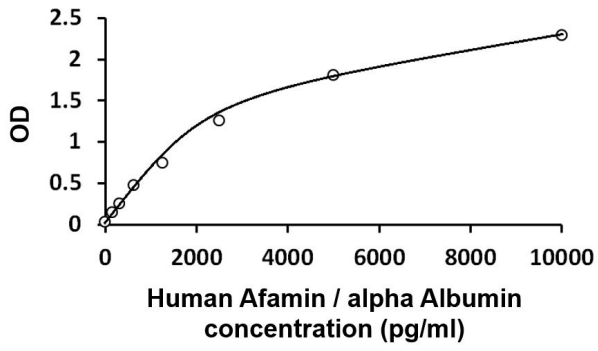
Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AFM
Gene Full Name	afamin
Background	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. [provided by RefSeq, Jul 2008]
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. [UniProt]
Highlight	Related products: Afamin antibodies ; Afamin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N-glycosylated; more than 90% of the glycans are sialylated. [UniProt]



ARG81587 Human Afamin / alpha Albumin ELISA Kit standard curve image

ARG81587 Human Afamin / alpha Albumin ELISA Kit results of a typical standard run with optical density reading at 450 nm.