

Human Afamin (AFM) ELISA Kit | AFM elisa kit

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CATALOG #
AAA245218

REACTIVITY
Human

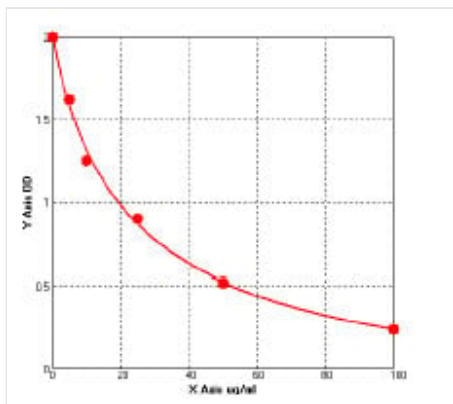
PRODUCT SYNONYMS

Afamin (AFM); Human Afamin (AFM) ELISA Kit; AFM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AFM. No significant cross-reactivity or interference between AFM and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AFM and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AFM elisa kit	Intended Uses: This AFM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AFM. This ELISA kit for research use only! Principle of the Assay: AFM ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-AFM antibody and an AFM-HRP conjugate. The assay sample and buffer are incubated together with AFM-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 AFM concentration since AFM from samples and AFM-HRP conjugate compete for the anti-AFM antibody binding site. Since the number of sites is limited, as more sites are occupied by AFM from the sample, fewer sites are left to bind AFM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AFM concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501987
NCBI GeneID	173
NCBI Accession #	NP_001124.1
NCBI GenBank Nucleotide #	NM_001133.2
Molecular Weight	69,069 Da
NCBI Official Full Name	afamin
NCBI Official Synonym Full Names	afamin
NCBI Official Symbol	AFM
NCBI Official Synonym Symbols	ALF; ALB2; ALBA
NCBI Protein Information	afamin; alpha-Alb; alpha-albumin
UniProt Protein Name	Afamin
UniProt Gene Name	AFM
UniProt Synonym Gene Names	ALB2; ALBA; Alpha-Alb
UniProt Entry Name	AFAM_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.