

Mouse Fetuin-B, Fetub ELISA Kit | Fetub elisa kit

Mouse Fetuin-B, Fetub Primacu ELISA Kit

CATALOG #
AAA124112

REACTIVITY
Mouse

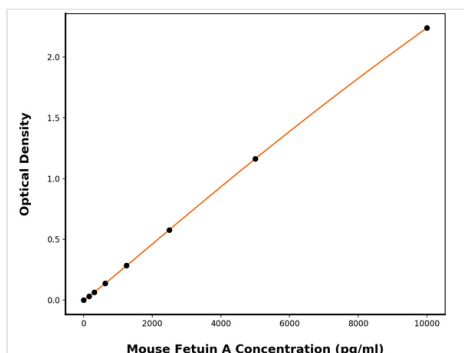
PRODUCT SYNONYMS

Fetuin-B; Fetub; Mouse Fetuin-B; Fetub Primacu ELISA Kit; Fetuin A; Fetub elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	156.25-10000pg/mL
Sensitivity	43.04pg/mL
Standard Solution	100ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Fetub elisa kit	Fetuin-A, also known as Alpha-2-HS-Glycoprotein (AHSG), belongs to the Fetuin family, is a plasma binding protein, and is more abundant in fetal than adult blood. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. Fetuins are carrier proteins like albumin. Fetuin-A forms soluble complexes with calcium and phosphate and thus is a carrier of otherwise insoluble calcium phosphate. Thus Fetuin-A is a potent inhibitor of pathological calcification. The circulating levels of fetuin-A, a well-described inhibitor of calcification, regulate the cell-dependent process of osteogenesis. The low circulating fetuin-A levels are associated with a greater prevalence and/or severity of Vascular calcification (VC) and increased risk for all-cause and cardiovascular mortality. However, high circulating fetuin-A levels appear to induce insulin resistance and, in non-dialyzed subjects with diabetic nephropathy, are directly related to VC burden. The emerging role of fetuin-A deficiency as a risk factor in dialysis patients was documented in cross-sectional studies demonstrating a significant correlation with all-cause and cardiovascular mortality. Additionally, Human fetuin-A is a negative acute phase protein involved in inflammatory diseases, thus being a potential physiological regulator of meprin activity. Fetuin-A is a broad-range protease inhibitor. Fetuin-A and cystatin C as endogenous proteolytic regulators of meprin activity broadens our understanding of the proteolytic network in plasma.
Product Categories/Family for Fetub elisa kit	Primacu ELISA Kit; Metabolism; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	144226209
NCBI GeneID	59083
NCBI Accession #	NP_001077373.1
NCBI GenBank Nucleotide #	NM_001083904.1
UniProt Accession #	Q9QXC1
Molecular Weight	42,713 Da
NCBI Official Full Name	fetuin-B isoform 2
NCBI Official Synonym Full Names	fetuin beta
NCBI Official Symbol	Fetub
NCBI Official Synonym Symbols	Gugu; D17980; AI255764; 2310011O17Rik
NCBI Protein Information	fetuin-B; IRL685; fetuin-like protein IRL685
UniProt Protein Name	Fetuin-B
UniProt Gene Name	Fetub
UniProt Entry Name	FETUB_MOUSE

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://stage.aaabiotech.com/mouse-elisa-kits/fetuin-b-fetub/124112>