

Rat Fetuin B (FETUB) ELISA Kit | FETUB elisa kit

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CATALOG #
AAA66092

REACTIVITY
Rat

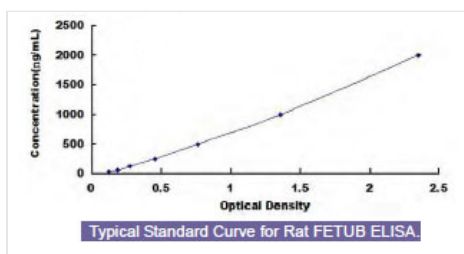
PRODUCT SYNONYMS

Fetuin B (FETUB); Rat Fetuin B (FETUB) ELISA Kit; FETU-B; 16G2; Gugu; IRL685; Fetuin-like protein IRL685; FETUB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FETUB. No significant cross-reactivity or interference between FETUB and analogues was observed.
Sequence Length	378
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000ng/mL
Sensitivity	9.4ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FETUB were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FETUB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FETUB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FETUB in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FETUB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FETUB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FETUB, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FETUB in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	828747421
NCBI GeneID	83928
NCBI Accession #	NP_445800.2
NCBI GenBank Nucleotide #	NM_053348.2
UniProt Accession #	Q9QX79; F1LN83
Molecular Weight	41,563 Da
NCBI Official Full Name	fetuin-B
NCBI Official Synonym Full Names	fetuin B
NCBI Official Symbol	Fetub
NCBI Official Synonym Symbols	Fet; Pp63; IRL685
NCBI Protein Information	fetuin-B
UniProt Protein Name	Fetuin-B
UniProt Gene Name	Fetub

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/rat-elisa-kits/fetuin-b-fetub/66092>