Fetuin B (FETUB) ELISA Kit for Chicken

PRODUCT OVERVIEW

Product Name	Fetuin B (FETUB), ELISA Kit
Full Product Name	Chicken Fetuin B ELISA Kit
Product Gene Name	FETUB elisa kit
Species Reactivity	Chicken
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.
Molecular Weight	37,823 Da
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Reproducibility	Intra-Assay: CV<10% Inter-Assay: CV<15%
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for FETUB elisa kit	This ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of the targets.
Other Notes	Small volumes of FETUB elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FETUB purchase	MBS7264734 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Fetuin B (FETUB) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing FETUB. The ELISA analytical biochemical technique of the MBS7264734 kit is based on FETUB antibody-FETUB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect FETUB antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, FETUB. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FETUB. It may not necessarily be applicable to this product.

NCBI GI #	92058711
NCBI GeneID	26998
NCBI Accession #	AAI14617.1
UniProt Secondary Accession #	Q1RMZ0; Q5J876; Q6DK58; Q6GRB6; Q9Y6Z0; B2RCW6; E9PG06
UniProt Related Accession #	Q9UGM5
NCBI Official Full Name	Fetuin B

NCBI Official Synonym Full Names	fetuin B
NCBI Official Symbol	FETUB
NCBI Official Synonym Symbols	16G2; Gugu; IRL685
UniProt Protein Name	Fetuin-B
UniProt Synonym Protein Names	16G2; Fetuin-like protein IRL685; Gugu
Protein Family	Fetuin
UniProt Gene Name	FETUB
NCBI Protein Information	fetuin-B
NCBI Summary for FETUB	The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells. [provided by RefSeq, Jul 2008]
UniProt Comments for FETUB	Protease inhibitor required for egg fertilization. Required to prevent premature zona pellucida hardening before fertilization, probably by inhibiting the protease activity of ASTL, a protease that mediates the cleavage of ZP2 and triggers zona pellucida hardening ().
Research Articles on FETUB	**1.** High Serum fetuin-B expression is associated with insulin resistance.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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