Galectin-2 (LGALS2) ELISA Kit for Monkey

PRODUCT OVERVIEW

Product Name	Galectin-2 (LGALS2), ELISA Kit
Full Product Name	Monkey Galectin-2 (LGALS2) ELISA Kit
Product Gene Name	LGALS2 elisa kit
Species Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	14,644 Da
OMIM	150571
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
Product Categories/Family for LGALS2 elisa kit	Cell Biology
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for LGALS2 elisa kit	MBS7219064 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Galectin-2 (LGALS2) 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 LGALS2. The ELISA analytical biochemical technique of the MBS7219064 kit is based on LGALS2 antibody-LGALS2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect LGALS2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, LGALS2. 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(%).
Other Notes	Small volumes of LGALS2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LGALS2. It may not necessarily be applicable to this product.

NCBI GI #	5729903
NCBI GeneID	3957
NCBI Accession #	NP_006489.1
UniProt Secondary Accession #	Q6FGY4
UniProt Related Accession #	P05162
GenBank Nucleotide #	NM_006498.2
NCBI Official Full Name	galectin-2
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 2
NCBI Official Symbol	LGALS2

NCBI Official Synonym Symbols	HL14
UniProt Protein Name	Galectin-2
UniProt Synonym Protein Names	Beta-galactoside-binding lectin L-14-II; HL14; Lactose-binding lectin 2; S-Lac lectin 2
UniProt Gene Name	LGALS2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	LEG2_HUMAN
NCBI Protein Information	galectin-2; gal-2; galectin 2; S-Lac lectin 2; lactose-binding lectin 2; beta-galactoside-binding lectin L-14-II
NCBI Summary for LGALS2	The protein encoded by this gene is a soluble beta-galactoside binding lectin. The encoded protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with a resultant increased risk of myocardial infarction. [provided by RefSeq, Jul 2008]
UniProt Comments for LGALS2	LGALS2: This protein binds beta-galactoside. Its physiological function is not yet known. Chromosomal Location of Human Ortholog: 22q13.1 Molecular Function: galactoside binding; carbohydrate binding Disease: Myocardial Infarction, Susceptibility To
Research Articles on LGALS2	**1.** The increased circulation of galectins -2, -4 and -8 in cancer patients contributes substantially to the increased circulation of G-CSF, IL-6 and MCP-1 by interaction with the blood vascular endothelium
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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