Wd Repeat-Containing Protein 73 (WDR73) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	WD repeat-containing protein 73 (WDR73), ELISA Kit
Full Product Name	Mouse WD repeat-containing protein 73 (WDR73) ELISA Kit
Product Gene Name	WDR73 elisa kit
Species Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, Plasma, Other biological fluids
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse WDR73. No significant cross-reactivity or interference between Mouse WDR73 and analogues was observed.
Preparation and Storage	Store at 2-8 degree C.
Molecular Weight	28,148 Da
3D Structure	ModBase 3D Structure for Q9CWR1
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for WDR73 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate WDR73 in samples. An antibody specific for WDR73 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyWDR73 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WDR73 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WDR73 bound in the initial step. The color development is stopped and the intensity of the color is measured.
Other Notes	Small volumes of WDR73 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 WDR73 purchase	MBS281537 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the WD repeat-containing protein 73 (WDR73) 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 WDR73. The ELISA analytical biochemical technique of the MBS281537 kit is based on WDR73 antibody-WDR73 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect WDR73 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, WDR73. 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 WDR73. It may not necessarily be applicable to this product.

NCBI GI #	254910981
NCBI GeneID	71968
NCBI Accession #	NP_082302.2
UniProt Primary Accession #	Q9CWR1
UniProt Secondary Accession #	Q05C70; Q3TEN7; Q571I2; Q8BSB9; Q8CF62
UniProt Related Accession #	Q9CWR1
GenBank Nucleotide #	NM_028026.2
NCBI Official Full Name	WD repeat-containing protein 73
NCBI Official Synonym Full Names	WD repeat domain 73
NCBI Official Symbol	Wdr73
NCBI Official Synonym Symbols	C85352; AI848574; 1200011I23Rik; 2410008B13Rik
UniProt Protein Name	WD repeat-containing protein 73
Protein Family	WD repeat-containing protein
UniProt Gene Name	Wdr73
NCBI Protein Information	WD repeat-containing protein 73
UniProt Comments for WDR73	WDR73: Belongs to the WD repeat WDR73 family. Chromosomal Location of Human Ortholog: 7|7 D3 Cellular Component: cleavage furrow; cytoplasm; cytoskeleton; cytosol; spindle pole Biological Process: cytoplasmic microtubule organization; negative regulation of apoptosis; nucleus organization
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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