Folate Transporter 1 (SLC19A1) ELISA Kit for Rabbit

PRODUCT OVERVIEW

Product Name	Folate Transporter 1 (SLC19A1), ELISA Kit
Full Product Name	Rabbit Folate Transporter 1 (SLC19A1) ELISA Kit
Product Gene Name	SLC19A1 elisa kit
Species Reactivity	Rabbit
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	54,262 Da
OMIM	600424
Related Product Information for SLC19A1 elisa kit	MBS9353495 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Folate Transporter 1 (SLC19A1) 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 SLC19A1. The ELISA analytical biochemical technique of the MBS9353495 kit is based on SLC19A1 antibody-SLC19A1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect SLC19A1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, SLC19A1. 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 SLC19A1 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 SLC19A1. It may not necessarily be applicable to this product.

NCBI GI #	34808710
NCBI GeneID	6573
NCBI Accession #	NP_919231.1
UniProt Secondary Accession #	O00553; O60227; Q13026; Q9BTX8; B2R7U8; B7Z8C3; E9PFY4
UniProt Related Accession #	P41440
GenBank Nucleotide #	NM_194255.2
NCBI Official Full Name	folate transporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 19 member 1
NCBI Official Symbol	SLC19A1
NCBI Official Synonym Symbols	CHMD; FOLT; IFC1; REFC; RFC1
UniProt Protein Name	Folate transporter 1
UniProt Synonym Protein Names	Intestinal folate carrier 1; IFC-1; Placental folate transporter; Reduced folate carrier protein; RFC; Solute carrier family 19 member 1
UniProt Gene Name	SLC19A1
UniProt Synonym Gene Names	FLOT1; RFC1; FOLT; IFC-1; RFC

UniProt Entry Name	S19A1_HUMAN
NCBI Protein Information	folate transporter 1
NCBI Summary for SLC19A1	The membrane protein encoded by this gene is a transporter of folate and is involved in the regulation of intracellular concentrations of folate. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]
UniProt Comments for SLC19A1	SLC19A1: a transporter protein. Transports reduced folate, antitumor agents and folate antagonists such as methotrexate. Apparently involved in methotrexate resistance in various cancers and neural tube defects. Protein type: Membrane protein, integral; Transporter, SLC family; Transporter; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 21q22.3 Cellular Component: apical plasma membrane; basolateral plasma membrane; brush border membrane; integral to plasma membrane; plasma membrane Molecular Function: folic acid binding; folic acid transporter activity; methotrexate transporter activity; reduced folate carrier activity Biological Process: female pregnancy; folic acid metabolic process; folic acid transport; methotrexate transport; vitamin metabolic process; water-soluble vitamin metabolic process
Research Articles on SLC19A1	**1.** Our findings support the hypothesis that RFC1 A80G variant may contribute to non-syndromic cleft lip and palate susceptibility in a south Indian population.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/rabbit-elisa-kits/folate-transporter-1-slc19a1/9353495