Soluble Fms-Like Tyrosine 1 (sFLT1) ELISA Kit for Chicken

PRODUCT OVERVIEW

Product Name	Soluble Fms-like Tyrosine 1 (sFLT1), ELISA Kit
Full Product Name	Chicken Soluble Fms-like Tyrosine 1 ELISA Kit
Product Gene Name	sFLT1 elisa kit
Species Reactivity	Chicken
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	142,634 Da
Chromosome Location	Chromosome: 24; NC_007135.5 (22358758..22416733, complement). Location: chromosome: 24
3D Structure	ModBase 3D Structure for Q4JDD5
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
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for sFLT1 elisa kit	MBS736367 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Soluble Fms-like Tyrosine 1 (sFLT1) 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 sFLT1. The ELISA analytical biochemical technique of the MBS736367 kit is based on sFLT1 antibody-sFLT1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect sFLT1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, sFLT1. 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 sFLT1 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 sFLT1. It may not necessarily be applicable to this product.

NCBI GI #	324499394
NCBI GeneID	544667
NCBI Accession #	ADY39752.1
UniProt Primary Accession #	Q4JDD5
UniProt Related Accession #	Q4JDD5; Q5GIT3
NCBI Official Full Name	soluble fms-like tyrosine kinase 1
NCBI Official Synonym Full Names	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
NCBI Official Symbol	flt1
NCBI Official Synonym Symbols	flt1b; sFlt1; VEGFR1
UniProt Protein Name	FMS related tyrosine kinase 1
UniProt Gene Name	flt1

UniProt Entry Name	Q4JDD5_DANRE
NCBI Protein Information	vascular endothelial growth factor receptor 1; receptor tyrosine kinase Flt1b; soluble fms-like tyrosine kinase 1
UniProt Comments for sFLT1	Catalytic activity: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. RuleBase RU000311 SAAS SAAS020635 Subcellular location: Membrane; Single-pass type I membrane protein By similarity RuleBase RU000311. Sequence similarities: Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. RuleBase RU000311Contains 1 protein kinase domain. SAAS SAAS020635
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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