E2F Transcription Factor 2 (E2F2) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	E2F transcription factor 2 (E2F2), ELISA Kit
Full Product Name	Mouse Transcription factor E2F2, E2F2 ELISA Kit
Product Gene Name	E2F2 elisa kit
Product Synonym Names	Mouse Transcription factor E2F2 (E2F2) ELISA kit; E2F-2; ; E2F transcription factor 2
Species Reactivity	Mouse
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	48,499 Da
3D Structure	ModBase 3D Structure for P56931
Related Product Information for E2F2 elisa kit	MBS9342798 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the E2F transcription factor 2 (E2F2) 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 E2F2. The ELISA analytical biochemical technique of the MBS9342798 kit is based on E2F2 antibody-E2F2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect E2F2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, E2F2. 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 E2F2 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 E2F2. It may not necessarily be applicable to this product.

NCBI GI #	29244208
NCBI GeneID	242705
NCBI Accession #	NP_808401.1
UniProt Primary Accession #	P56931
UniProt Secondary Accession #	Q8BID0; A2AW43
UniProt Related Accession #	P56931
GenBank Nucleotide #	NM_177733.6
NCBI Official Full Name	transcription factor E2F2
NCBI Official Synonym Full Names	E2F transcription factor 2
NCBI Official Symbol	E2f2
NCBI Official Synonym Symbols	9230110J10; E130207A07
UniProt Protein Name	Transcription factor E2F2
Protein Family	Transcription factor
UniProt Gene Name	E2f2

UniProt Synonym Gene Names	E2F-2
UniProt Entry Name	E2F2_MOUSE
NCBI Protein Information	transcription factor E2F2; E2F-2
UniProt Comments for E2F2	E2F2: Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC- 3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from g1 to s phase. E2F2 binds specifically to RB1 in a cell-cycle dependent manner. Belongs to the E2F/DP family. Protein type: DNA-binding Cellular Component: transcription factor complex; nucleus Molecular Function: protein binding; DNA binding; transcription factor activity; transcription factor binding Biological Process: transcription, DNA-dependent; regulation of transcription, DNA-dependent; regulation of cell cycle; cell cycle
Research Articles on E2F2	**1.** E2F3 promotes while E2F2 suppresses ischemic cardiac repair through corresponding changes in endothelial cell proliferation.
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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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