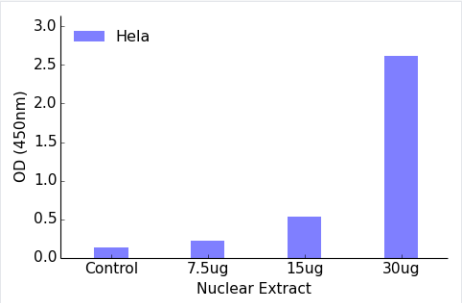
FOXB2 ELISA Kit for Human, Mouse, Rat

PRODUCT OVERVIEW

Product Name	FOXB2, ELISA Kit
Full Product Name	FOXB2 TFact DNA-Binding ELISA Kit
Product Gene Name	FOXB2 elisa kit
Product Synonym Names	Forkhead box protein B2
Species Reactivity	Human, Mouse, Rat
Assay Type	DNA-Binding ELISA
Samples	Cell lysate
Sensitivity	10-30 ug of total protein/well
Form/Format	12 x 8-Well Microstrips
Specificity	The TFact FOXB2 DNA-Binding ELISA Kit detects endogenous levels of total FOXB2 protein.
Preparation and Storage	Store entire kit at 4 degree C until use.
Molecular Weight	45,581 Da
3D Structure	ModBase 3D Structure for Q5VYV0
Detection Method	Colorimetric 450 nm
Subtype	None
Related Product Information for FOXB2 elisa kit	MBS9502172 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the FOXB2, 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 FOXB2. The ELISA analytical biochemical technique of the MBS9502172 kit is based on FOXB2 antibody-FOXB2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect FOXB2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, FOXB2. 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 FOXB2 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.



Testing Data of FOXB2 elisa kit
The TFact FOXB2 DNA-Binding ELISA detects active FOXB2 in Hela Nuclear Extract. The Hela cells were grown 3 days in DMEM with 10% FBS and harvested for nuclear extract. The Hela cells were stimulated by serum (20% FBS) before harvest.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOXB2. It may not necessarily be applicable to this product.

NCBI GI #	61966923
NCBI GeneID	442425
NCBI Accession #	NP_001013757.1
UniProt Primary Accession #	Q5VYV0
UniProt Related Accession #	Q5VYV0
GenBank Nucleotide #	NM_001013735.1
NCBI Official Full Name	forkhead box protein B2
NCBI Official Synonym Full Names	forkhead box B2
NCBI Official Symbol	FOXB2
NCBI Official Synonym Symbols	bA159H20.4
UniProt Protein Name	Forkhead box protein B2
Protein Family	Forkhead box protein
UniProt Gene Name	FOXB2
NCBI Protein Information	forkhead box protein B2
UniProt Comments for FOXB2	FOXB2: Transcription factor (Probable). Protein type: DNA-binding Chromosomal Location of Human Ortholog: 9q21.2 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: anatomical structure morphogenesis; cell differentiation; regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent
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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