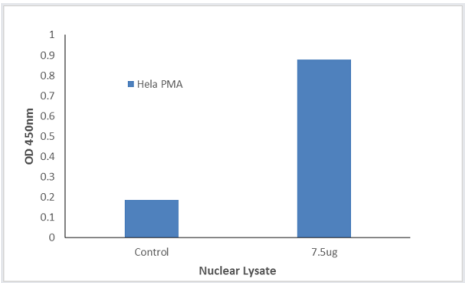
ETV4 ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	ETV4, ELISA Kit
Full Product Name	ETV4 TFact DNA-Binding ELISA Kit
Product Gene Name	ETV4 elisa kit
Product Synonym Names	ETS translocation variant 4; Adenovirus E1A enhancer-binding protein; E1A-F; ETV4; E1AF
Species Reactivity	Human
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 ETV4 DNA-Binding ELISA Kit detects endogenous levels of total ETV4 protein.
Preparation and Storage	Store entire kit at 4 degree C until use.
Molecular Weight	23,422 Da
OMIM	U18018 mRNA
3D Structure	ModBase 3D Structure for P43268
Detection Method	Colorimetric 450 nm
Subtype	None
Related Product Information for ETV4 elisa kit	MBS9502162 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the ETV4, 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 ETV4. The ELISA analytical biochemical technique of the MBS9502162 kit is based on ETV4 antibody-ETV4 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ETV4 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, ETV4. 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 ETV4 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 ETV4 elisa kit
The TFact ETV4 DNA-Binding ELISA detects active ETV4 in Hela Nuclear Extract. The Hela cells were grown 3 days in DMEM with 10% FBS and harvested for nuclear extract. Hela cells were stimulated by PMA (200nM) before harvest.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ETV4. It may not necessarily be applicable to this product.

NCBI GI #	118918421
NCBI GeneID	2118
NCBI Accession #	NP_001073143.1
UniProt Primary Accession #	P43268
UniProt Secondary Accession #	Q96AW9; A8K314; B7Z5J3; B7Z9J6
UniProt Related Accession #	P43268
GenBank Nucleotide #	NM_001079675.2
NCBI Official Full Name	ETS translocation variant 4 isoform 1
NCBI Official Synonym Full Names	ETS variant 4
NCBI Official Symbol	ETV4
NCBI Official Synonym Symbols	E1AF; PEA3; E1A-F; PEAS3
UniProt Protein Name	ETS translocation variant 4
UniProt Synonym Protein Names	Adenovirus E1A enhancer-binding protein; E1A-F; Polyomavirus enhancer activator 3 homolog; Protein PEA3
Protein Family	ETS translocation
UniProt Gene Name	ETV4
UniProt Synonym Gene Names	E1AF; PEA3; Protein PEA3
NCBI Protein Information	ETS translocation variant 4
UniProt Comments for ETV4	ETV4: Transcriptional activator that binds to the enhancer of the adenovirus E1A gene; the core-binding sequence is 5'[AC]GGA[AT]GT-3'. Belongs to the ETS family. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 17q21.31 Cellular Component: nucleolus; nucleoplasm; nucleus Molecular Function: protein binding Biological Process: cell differentiation; positive regulation of transcription from RNA polymerase II promoter; transcription from RNA polymerase II promoter
Research Articles on ETV4	**1.** four oncogenic ETS (ERG, ETV1, ETV4, and ETV5), and no other ETS, interact with the Ewing's sarcoma breakpoint protein, EWS.
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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