

Human Y box binding protein 1 ELISA Kit | YBX1 elisa kit

Human Nuclease-sensitive element-binding protein 1, YBX1 ELISA Kit

CATALOG #
AAA18328

REACTIVITY
Human

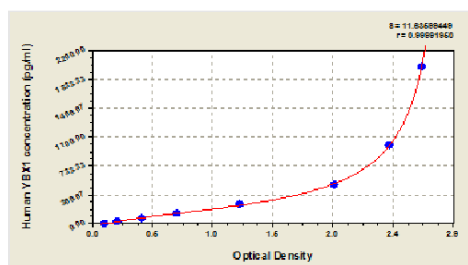
PRODUCT SYNONYMS

Y box binding protein 1; Human Nuclease-sensitive element-binding protein 1; YBX1 ELISA Kit; Human Nuclease-sensitive element-binding protein 1 (YBX1) ELISA kit; BP-8; CSDA2; CSDB; DBPB; MDR-NF1; MGC104858; MGC110976; MGC117250; NSEP-1; NSEP1; YB-1; YB1; DNA-binding protein B; major histocompatibility complex; class II; Y box-binding protein I; nuclease sensit; YBX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human YBX1. No significant cross-reactivity or interference between human YBX1 and analogues was observed.
Sequence Length	324
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YBX1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for YBX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any YBX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for YBX1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of YBX1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34098946
NCBI GeneID	4904
NCBI Accession #	NP_004550.2
NCBI GenBank Nucleotide #	NM_004559.3
UniProt Accession #	P67809; P16990; P16991; Q14972; Q15325; Q5FVFO
Molecular Weight	35,924 Da
NCBI Official Full Name	nuclease-sensitive element-binding protein 1
NCBI Official Synonym Full Names	Y box binding protein 1
NCBI Official Symbol	YBX1
NCBI Official Synonym Symbols	YB1; BP-8; CSDB; DBPB; YB-1; CSDA2; NSEP1; NSEP-1; MDR-NF1
NCBI Protein Information	nuclease-sensitive element-binding protein 1; CBF-A; EFI-A; DNA-binding protein B; Y-box-binding protein 1; Y-box transcription factor; enhancer factor I subunit A; nuclease sensitive element binding protein 1; CCAAT-binding transcription factor I subunit A; major histocompatibility complex, class II, Y box-binding protein I
UniProt Protein Name	Nuclease-sensitive element-binding protein 1
UniProt Gene Name	YBX1
UniProt Synonym Gene Names	NSEP1; YB1; CBF-A; DBPB; EFI-A; YB-1
UniProt Entry Name	YBOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.