

Human Nuclease-Sensitive Element-Binding Protein 1 (YBX1) ELISA Kit | YBX1 elisa kit

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CATALOG #
AAA330240

REACTIVITY
Human

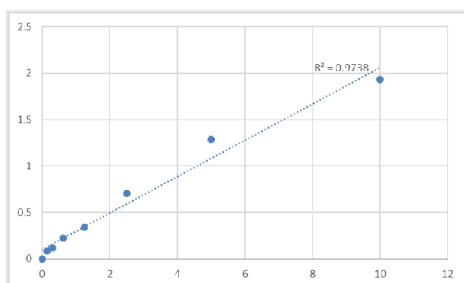
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Nuclease-sensitive element-binding protein 1 (YBX1) ELISA Kit 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	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Nuclease-sensitive element-binding protein 1 (YBX1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for YBX1 elisa kit	Description: This Human Nuclease-sensitive element-binding protein 1 (YBX1) ELISA Kit employs a two-site sandwich ELISA to quantitate YBX1 in samples. An 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, Streptavidin 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. Background: Y box binding protein 1 is a human protein. Current research is examining its involvement in cancer, and particularly in the metastasis of cancerous cells or prevention thereof. The deduced 322-amino acid protein contains 4 putative DNA-binding domains, 3 of which are rich in basic amino acids. Two of these basic regions, basic-1 and basic-2, form the double-strand DNA-binding domain of the protein. NSEP1 also has a pro/ser/thr-rich domain and an asp/glu/gln-rich domain, both of which are reminiscent of activation domains. It also contains an octapeptide single-strand DNA-binding motif that shares weak homology with the ribonucleoprotein consensus sequence of RNA-binding proteins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34098946
NCBI GeneID	4904
NCBI Accession #	NP_004550.2
NCBI GenBank Nucleotide #	NP_004550.2
UniProt Accession #	P67809
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; CBF-A; CSDA2; EFI-A; NSEP1; NSEP-1; MDR-NF1
NCBI Protein Information	nuclease-sensitive element-binding protein 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nuclease-sensitive-element-binding-protein-1-ybx1/330240>