

Human YY1 Transcription Factor (YY1) ELISA Kit | YY1 elisa kit

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CATALOG #
AAA63724

REACTIVITY
Human

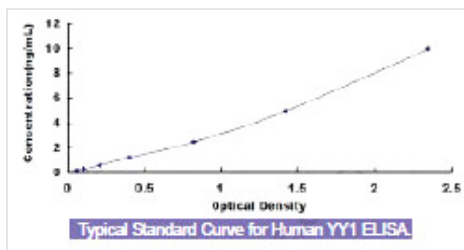
PRODUCT SYNONYMS

YY1 Transcription Factor (YY1); Human YY1 Transcription Factor (YY1) ELISA Kit; NF-E1; DELTA; UCRBP; YIN-YANG-1; INO80S; INO80 Complex Subunit S; Yin and Yang 1 Protein; Delta transcription factor; INO80 complex subunit S; YY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of YY1. No significant cross-reactivity or interference between YY1 and analogues was observed.
Sequence Length	414
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level YY1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level YY1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YY1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of YY1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to YY1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to YY1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain YY1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of YY1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507955
NCBI GeneID	7528
NCBI Accession #	NP_003394.1
NCBI GenBank Nucleotide #	NM_003403.4
UniProt Accession #	P25490; Q14935
Molecular Weight	44,713 Da
NCBI Official Full Name	transcriptional repressor protein YY1
NCBI Official Synonym Full Names	YY1 transcription factor
NCBI Official Symbol	YY1
NCBI Official Synonym Symbols	DELTA; NF-E1; UCRBP; INO80S; YIN-YANG-1
NCBI Protein Information	transcriptional repressor protein YY1
UniProt Protein Name	Transcriptional repressor protein YY1
UniProt Gene Name	YY1
UniProt Synonym Gene Names	INO80S; YY-1

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.