Human Transcriptional Repressor Protein YY1 (YY1) ELISA Kit | YY1 elisa kit

Human Transcriptional Repressor Protein YY1 (YY1) ELISA Kit

CATALOG #	REACTIVITY
AAA330237	**Human**

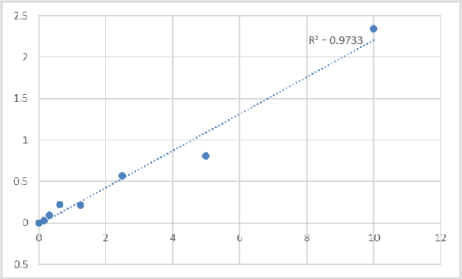
PRODUCT SYNONYMS

Transcriptional Repressor Protein YY1 (YY1); Human Transcriptional Repressor Protein YY1 (YY1) ELISA Kit; YY1; DELTA; INO80S; NF-E1; UCRBP; YIN-YANG-1; INO80 complex subunit S; Yin and Yang 1 protein; YY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transcriptional repressor protein YY1 (YY1) ELISA Kit has high sensitivity and excellent specificity for detection of Human YY1. No significant cross-reactivity or interference between Human YY1 and analogues was observed.
Sequence Length	414
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 Transcriptional repressor protein YY1 (YY1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for YY1 elisa kit	Description: This Human Transcriptional repressor protein YY1 (YY1) ELISA Kit employs a two-site sandwich ELISA to quantitate YY1 in samples. An antibody specific for YY1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any YY1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for YY1 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 YY1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1. Multifunctional transcription factor that exhibits positive and negative control on a large number of cellular and viral genes by binding to sites overlapping the transcription start site. May play an important role in development and differentiation. The function of YY1 as an activator or a repressor is specified by the presence of other proteins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507955
NCBI GeneID	7528
NCBI Accession #	NP_003394.1
NCBI GenBank Nucleotide #	NP_003394.1
UniProt Accession #	P25490
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; GADEVS; 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
UniProt Entry Name	TYY1_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://www.aaabiotech.com/human-elisa-kits/transcriptional-repressor-protein-yy1-yy1/330237