

Human histone deacetylase 6, HDAC6 ELISA Kit | HDAC6 elisa kit

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CATALOG #
AAA41449

REACTIVITY
Human

PRODUCT SYNONYMS

histone deacetylase 6; HDAC6; Human histone deacetylase 6; HDAC6 ELISA Kit; HDAC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1179
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 40ng/ml
Sensitivity	0.31ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDAC6 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Histone Deacetylase 6 (also known as HDAC6) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human HDAC6 antibody. HDAC6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human HDAC6 Antibody is added and binds to HDAC6 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HDAC6 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human HDAC6. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442616414
NCBI GeneID	32461
NCBI Accession #	NP_001259569.1
NCBI GenBank Nucleotide #	NM_001272640.1
UniProt Accession #	Q86NK9
Molecular Weight	124,871 Da
NCBI Official Full Name	histone deacetylase 6, isoform G
NCBI Official Synonym Full Names	Histone deacetylase 6
NCBI Official Symbol	HDAC6
NCBI Official Synonym Symbols	CG6170; dHDAC2; DHDAC2; dHDAC6; DmelCG6170; dmHDA404; DmHDAC2; HDAC; HDAC2; hdac6
NCBI Protein Information	histone deacetylase 6
UniProt Protein Name	Histone deacetylase
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	DHDAC2ImportedAutomatic assertion inferred from database entriesiEMBL:AAF48443.2; dHDAC2ImportedAutomatic assertion inferred from database entriesiEMBL:AAF48443.2; dHDAC6ImportedAutomatic assertion inferred from database entriesiEMBL:AAF48443.2; DmelCG617

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/histone-deacetylase-6-hdac6/41449>