

Human Histone Deacetylase 6 ELISA Kit | HDAC6 elisa kit

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CATALOG #
AAA247176

REACTIVITY
Human

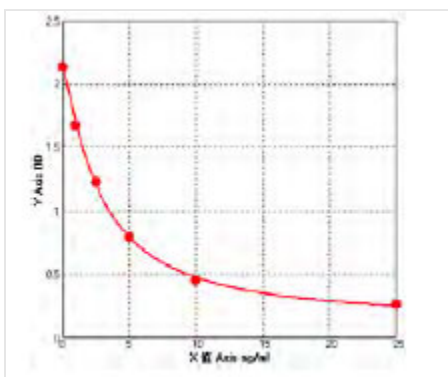
PRODUCT SYNONYMS

Histone Deacetylase 6; Human Histone Deacetylase 6 ELISA Kit; HDAC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1149
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 umol/L.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDAC6 elisa kit

Intended Uses: This HCY ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HCY. This ELISA kit for research use only!

Principle of the Assay: HCY ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-HCY antibody and an HCY-HRP conjugate. The assay sample and buffer are incubated together with HCY-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HCY concentration since HCY from samples and HCY-HRP conjugate compete for the anti-HCY antibody binding site. Since the number of sites is limited, as more sites are occupied by HCY from the sample, fewer sites are left to bind HCY-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HCY concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194353999
NCBI GeneID	15185
NCBI Accession #	NP_001123888.1
NCBI GenBank Nucleotide #	NM_001130416.1
UniProt Accession #	Q9Z2V5; B1AUA6
Molecular Weight	125,787 Da
NCBI Official Full Name	histone deacetylase 6
NCBI Official Synonym Full Names	histone deacetylase 6
NCBI Official Symbol	Hdac6
NCBI Official Synonym Symbols	Hd6; Sfc6; Hdac5; mHDA2
NCBI Protein Information	histone deacetylase 6
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	Hdac6
UniProt Synonym Gene Names	HD6

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.

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Online datasheet: <https://stage.aaabiotech.com/hdac6-human-elisa-kits/histone-deacetylase-6/247176>