

Human Histone Deacetylase ELISA Kit | HD elisa kit

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CATALOG #
AAA86262

REACTIVITY
Human

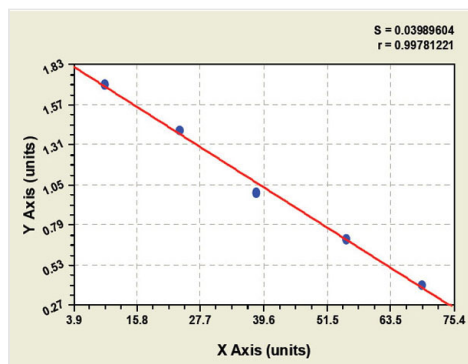
PRODUCT SYNONYMS

Histone Deacetylase; Human Histone Deacetylase ELISA Kit; HD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HD. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HD elisa kit	Principle of the Assay: HD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HD antibody and an HD-HRP conjugate. The assay sample and buffer are incubated together with HD-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 HD concentration since HD from samples and HD-HRP conjugate compete for the anti-HD antibody binding site. Since the number of sites is limited, as more sites are occupied by HD from the sample, fewer sites are left to bind HD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HD concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HD elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	327320763
Molecular Weight	34,543 Da
NCBI Official Full Name	Histone deacetylase
UniProt Protein Name	Histone deacetylase
UniProt Entry Name	F2IA78_FLUTR

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/hd-human-elisa-kits/histone-deacetylase/86262>