

Monkey Histone ELISA Kit | Histone elisa kit

Monkey Histone ELISA Kit

CATALOG #
AAA96570

REACTIVITY
Monkey

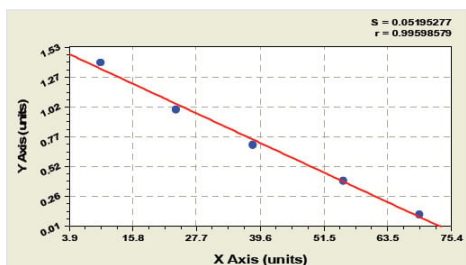
PRODUCT SYNONYMS

Histone; Monkey Histone ELISA Kit; Histone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Histone elisa kit

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

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

Product Categories/Family for Histone elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3649600
NCBI GeneID	3015
Molecular Weight	13,553 Da
NCBI Official Full Name	histone
NCBI Official Synonym Full Names	H2A histone family, member Z
NCBI Official Symbol	H2AFZ
NCBI Official Synonym Symbols	H2AZ; H2A.z; H2A/z; H2A.Z-1
NCBI Protein Information	histone H2A.Z; H2AZ histone
UniProt Protein Name	Histone H2A.Z
UniProt Gene Name	H2AFZ
UniProt Synonym Gene Names	H2AZ; H2A/z
UniProt Entry Name	H2AZ_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://stage.aaabiotech.com/monkey-elisa-kits/histone/96570>