

Sheep Histone H3 ELISA Kit | H3 elisa kit

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CATALOG #
AAA247573

REACTIVITY
Sheep

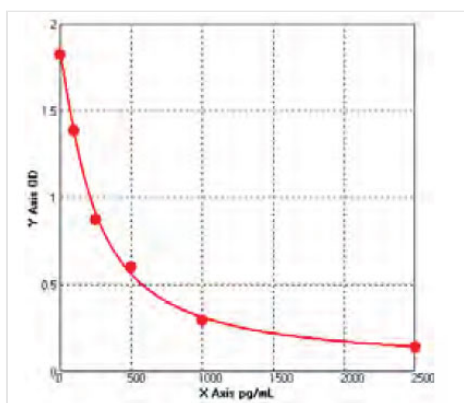
PRODUCT SYNONYMS

Histone H3; Sheep Histone H3 ELISA Kit; H3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of HISH3. No significant cross-reactivity or interference between HISH3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HISH3 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	136
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H3 elisa kit	Intended Uses: This HISH3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep HISH3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: HISH3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HISH3 antibody and an HISH3-HRP conjugate. The assay sample and buffer are incubated together with HISH3-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 HISH3 concentration since HISH3 from samples and HISH3-HRP conjugate compete for the anti-HISH3 antibody binding site. Since the number of sites is limited, as more sites are occupied by HISH3 from the sample, fewer sites are left to bind HISH3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HISH3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for H3 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	3273350
Molecular Weight	15,406 Da
NCBI Official Full Name	histone H3
UniProt Protein Name	Histone H3.3
UniProt Gene Name	H3

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://www.aaabiotech.com/sheep-elisa-kits/histone-h3/247573>