

Canine Histone H2A-H2B-DNA autoantibody ELISA Kit | HHA elisa kit

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CATALOG #
AAA97335

REACTIVITY
Canine

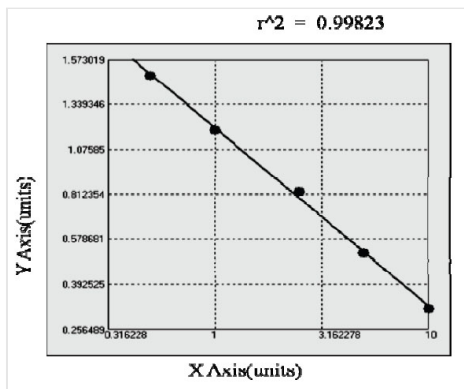
PRODUCT SYNONYMS

Histone H2A-H2B-DNA autoantibody; Canine Histone H2A-H2B-DNA autoantibody ELISA Kit; HHA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HHA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HHA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HHA elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	7677481
Molecular Weight	8,614 Da
NCBI Official Full Name	Hha
UniProt Protein Name	Gene expression modulator
UniProt Gene Name	hha
UniProt Synonym Gene Names	CY43_02700
UniProt Entry Name	H9L4I9_SALTM

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/hha-canine-elisa-kits/histone-h2a-h2b-dna-autoantibody/97335>