

Goat Hyaluronic Acid ELISA Kit | HA elisa kit

Goat Hyaluronic Acid ELISA Kit

CATALOG #
AAA92525

REACTIVITY
Goat

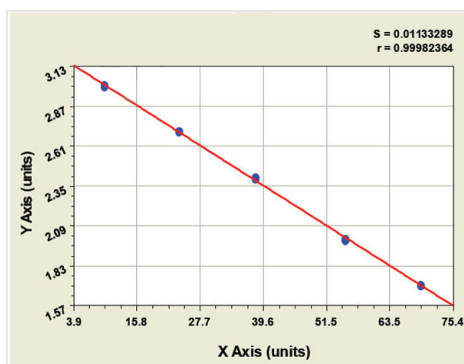
PRODUCT SYNONYMS

Hyaluronic Acid; Goat Hyaluronic Acid ELISA Kit; HA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This HA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat HA. 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 HA elisa kit

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

Product Categories/Family for HA elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	10800122
NCBI GeneID	10894
Molecular Weight	35,213 Da
NCBI Official Full Name	hyaluronic acid receptor
NCBI Official Synonym Full Names	lymphatic vessel endothelial hyaluronan receptor 1
NCBI Official Symbol	LYVE1
NCBI Official Synonym Symbols	HAR; XLKD1; LYVE-1; CRSBP-1
NCBI Protein Information	lymphatic vessel endothelial hyaluronic acid receptor 1; extracellular link domain containing 1; extracellular link domain-containing 1; extracellular link domain-containing protein 1; cell surface retention sequence binding protein-1; cell surface retention sequence-binding protein 1
UniProt Protein Name	Lymphatic vessel endothelial hyaluronic acid receptor 1
UniProt Gene Name	LYVE1
UniProt Synonym Gene Names	CRSBP1; HAR; XLKD1; UNQ230/PRO263; LYVE-1; CRSBP-1
UniProt Entry Name	LYVE1_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.

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Online datasheet: <https://stage.aaabiotech.com/ha-goat-elisa-kits/hyaluronic-acid/92525>