

Rabbit Glycosamionglycans ELISA Kit | GAGs elisa kit

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CATALOG #
AAA89922

REACTIVITY
Rabbit

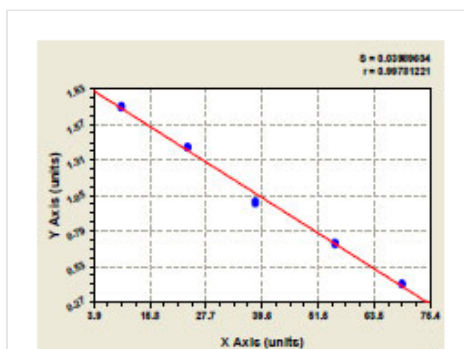
PRODUCT SYNONYMS

Glycosamionglycans; Rabbit Glycosamionglycans ELISA Kit; GAGs elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAGs elisa kit

Intended Uses: This GAG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit GAG.

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

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/gags-rabbit-elisa-kits/glycosamionglycans/89922>