

Goat Hydroxyproline-Rich Glycoprotein ELISA Kit | HRGP elisa kit

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CATALOG #
AAA94522

REACTIVITY
Goat

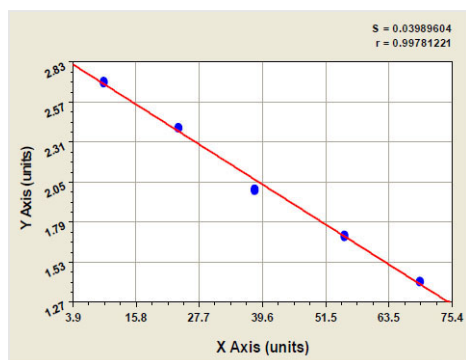
PRODUCT SYNONYMS

Hydroxyproline-Rich Glycoprotein; Goat Hydroxyproline-Rich Glycoprotein ELISA Kit; HRGP 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 HRGP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat HRGP. 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 HRGP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	186511058
NCBI GeneID	824624
NCBI Accession #	NP_191022.2
NCBI GenBank Nucleotide #	NM_115316.2
NCBI Official Full Name	hydroxyproline-rich glycoprotein
NCBI Official Symbol	HRGP1
NCBI Official Synonym Symbols	ATHRGP1; HRGP1; hydroxyproline-rich glycoprotein
NCBI Protein Information	hydroxyproline-rich glycoprotein

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/hrgp-goat-elisa-kits/hydroxyproline-rich-glycoprotein/94522>