

Human Hydroxyproline Rich Glycoprotein ELISA Kit | HRGP elisa kit

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CATALOG #
AAA84230

REACTIVITY
Human

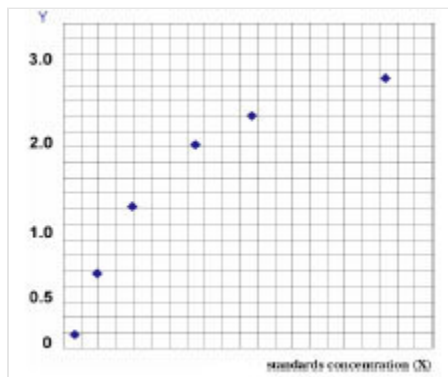
PRODUCT SYNONYMS

Hydroxyproline Rich Glycoprotein; Human Hydroxyproline Rich Glycoprotein ELISA Kit; HRGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500ng/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 HRGP elisa kit	Intended Uses: This HRGP ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofHRGP in the sample, thisHRGP ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusHRGP concentration. The concentration ofHRGP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This HRGP enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forHRGP. Standards or samples are then added to the microtiter plate wells andHRGP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofHRGP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forHRGP are added to each well to "sandwich" theHRGP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containHRGP and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hrgp-human-elisa-kits/hydroxyproline-rich-glycoprotein/84230>