

Sheep Haptoglobin ELISA Kit | HP elisa kit

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CATALOG #
AAA89270

REACTIVITY
Sheep

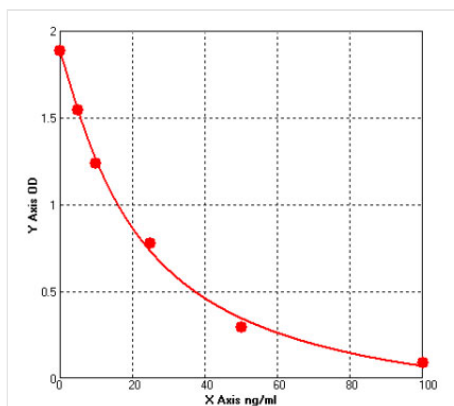
PRODUCT SYNONYMS

Haptoglobin; Sheep Haptoglobin ELISA Kit; HP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of HP. No significant cross-reactivity or interference between HP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit	Principle of the Assay: HP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-HP antibody and an HP-HRP conjugate. The assay sample and buffer are incubated together with HP-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 HP concentration since HP from samples and HP-HRP conjugate compete for the anti-HP antibody binding site. Since the number of sites is limited, as more sites are occupied by HP from the sample, fewer sites are left to bind HP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HP concentration in each sample is interpolated from this standard curve. Intended Uses: This HP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep HP. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for HP elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	223693015
NCBI GeneID	7502682
Molecular Weight	19,166 Da
NCBI Official Full Name	Hpt
NCBI Official Symbol	hpt
NCBI Protein Information	hypoxanthine-guanine phosphoribosyltransferase Hpt (HGPRT) (HGPRTase); hypothetical protein
UniProt Protein Name	Hpt
UniProt Gene Name	hpt
UniProt Synonym Gene Names	HRM2_32180
UniProt Entry Name	C0QLJ4_DESAH

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/hp-sheep-elisa-kits/haptoglobin/89270>