

Goat Haptoglobin ELISA Kit | HP elisa kit

Goat Haptoglobin (HP) ELISA Kit

CATALOG #
AAA55430

REACTIVITY
Goat

PRODUCT SYNONYMS

Haptoglobin; Goat Haptoglobin (HP) ELISA Kit; HP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat HP. No significant cross-reactivity or interference between Goat HP and analogues was observed.
Sequence Length	406
Samples	Serum, plasma and other biological fluids
Detection Range	7.8 ng/mL - 500 ng/mL
Sensitivity	3.9 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with Goat HP. Samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for Goat HP and incubated. Then substrate solutions are added to each well. Only those wells that contain Goat HP and enzyme-conjugated Goat HP will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm.

Intended Uses: For the quantitative detection of Goat Haptoglobin (HP) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386783
NCBI GeneID	3240
Molecular Weight	38,452 Da
NCBI Official Full Name	haptoglobin
NCBI Official Synonym Full Names	haptoglobin
NCBI Official Symbol	HP

NCBI Official Synonym Symbols	BP; HPA1S; HP2ALPHA2
NCBI Protein Information	haptoglobin; zonulin; binding peptide; haptoglobin alpha(1S)-beta; haptoglobin alpha(2FS)-beta; haptoglobin, beta polypeptide; haptoglobin, alpha polypeptide
UniProt Protein Name	Haptoglobin
UniProt Gene Name	HP
UniProt Entry Name	HPT_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://www.aaabiotech.com/hp-goat-elisa-kits/haptoglobin/55430>