

Haptoglobin/Zonulin ELISA Kit | HP elisa kit

Haptoglobin/Zonulin Human ELISA Kit

CATALOG #
AAA59146

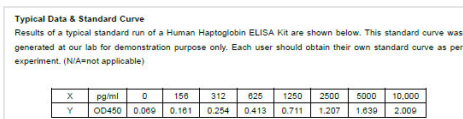
PRODUCT SYNONYMS

Haptoglobin/Zonulin; Haptoglobin/Zonulin Human ELISA Kit; HP elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	347
Samples	Human serum, plasma, body fluids, tissue homogenate or cell culture supernatants
Assay Type	Quantitative Sandwich
Detection Range	156 pg/ml-10,000 pg/ml
Sensitivity	< 10 pg/ml

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Haptoglobin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Haptoglobin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Haptoglobin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Haptoglobin can be calculated.!!**Background/Introduction:** Haptoglobin (Hp) is an abundant and conserved plasma glycoprotein, which binds acellular adult hemoglobin (Hb) dimers with high affinity and facilitates their rapid clearance from circulation after hemolysis. Humans possess three main phenotypes of Hp, designated Hp 1-1, Hp 2-1, and Hp 2-2. These variants exhibit diverse structural configurations and have been reported to be functionally nonequivalent. Hp fractions examined are equivalent to one another with respect to Hb binding and associated stability and redox properties and that this result should be taken into account in the design of phenotype-specific Hp therapeutics aimed at countering Hb-mediated vascular disease. Hp scavenges free hemoglobin following malaria-induced hemolysis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	970259822
NCBI GeneID	3240
NCBI Accession #	NP_001305067.1

NCBI GenBank Nucleotide #	NM_001318138.1
UniProt Accession #	P00738
NCBI Official Full Name	haptoglobin isoform 3 preproprotein
NCBI Official Synonym Full Names	haptoglobin
NCBI Official Symbol	HP
NCBI Official Synonym Symbols	BP; HPA1S; HP2ALPHA2
NCBI Protein Information	haptoglobin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/elisa-kits/haptoglobin-zonulin/59146>