

Rat Haptoglobin ELISA Kit | Hp elisa kit

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CATALOG #
AAA100846

REACTIVITY
Rat

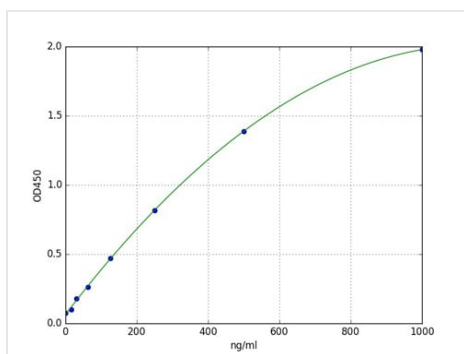
PRODUCT SYNONYMS

Haptoglobin; Rat Haptoglobin ELISA Kit; Hp/HP/HP-1/hp2-alpha/HPA1S/binding peptide/BP/haptoglobin/haptoglobin alpha (1S)-beta/haptoglobin alpha (2FS)-beta/haptoglobin; alpha polypeptide/haptoglobin; beta polypeptide/HPA1S; Hp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	406
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000ng/ml
Sensitivity	9.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat Hp ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.058	0.119	0.151	0.244	0.411	0.749	1.614	2.765

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-Rat Hp antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Hp 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. HRP-Streptavidin 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 Rat Hp amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Hp can be calculated.

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
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-rat-elisa-kits/haptoglobin/100846>