

Human Haptoglobin, Hpt/HP ELISA Kit | Hpt/HP elisa kit

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CATALOG #
AAA309836

REACTIVITY
Human

PRODUCT SYNONYMS

Haptoglobin; Hpt/HP; Human Haptoglobin; Hpt/HP ELISA KIT; BP; HP2-ALPHA-2; HPA1S; MGC111141; binding peptide; haptoglobin alpha (1S)-beta; haptoglobin alpha (2FS)-beta; haptoglobin; alpha polypeptide; beta polypeptide; HP; Hpt/HP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Hpt. No significant crossreactivity or interference between human Hpt and analogues was observed.
Samples	Serum, plasma, urine
Assay Type	Quantitative Sandwich
Detection Range	1.563 ng/ml-100 ng/ml
Sensitivity	< 1.044 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for Hpt/HP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Hpt has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Hpt present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for Hpt is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Hpt bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186910296
NCBI GeneID	3240
NCBI Accession #	NP_001119574.1
NCBI GenBank Nucleotide #	NM_001126102.2
UniProt Accession #	P00738 ; P00737 ; Q0VAC4 ; Q0VAC5 ; Q2PP15 ; Q3B7J0 ; Q6LBY9 ; Q9UC67 ; B0AZL5
Molecular Weight	38,452 Da
NCBI Official Full Name	haptoglobin isoform 2 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

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/human-elisa-kits/haptoglobin-hpt-hp/309836>