

Bovine haptoglobin ELISA Kit | HP elisa kit

Bovine Haptoglobin, Hpt/HP ELISA Kit

CATALOG #
AAA15263

REACTIVITY
Bovine

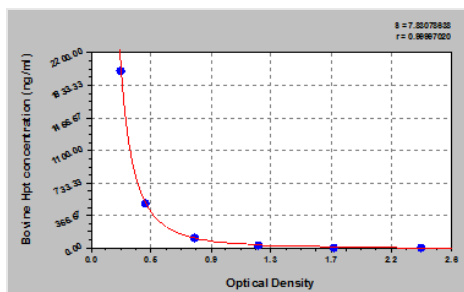
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine Hpt. No significant cross-reactivity or interference between bovine Hpt and analogues was observed.
Sequence Length	401
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	7.81ng/ml-2000 ng/ml
Sensitivity	< 7.81ng/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	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Hpt. Standards and samples are pipetted into the wells with biotin-conjugated antibody preparation specific for Hpt. A competitive inhibition reaction is launched between Hpt (Standards or samples) and pre-coated Hpt with the biotin-conjugated Hpt antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) 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 opposite 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 #	94966763
NCBI GeneID	280692
NCBI Accession #	NP_001035560.1
NCBI GenBank Nucleotide #	NM_001040470.2
UniProt Accession #	Q2TBU0
Molecular Weight	44,859 Da
NCBI Official Full Name	haptoglobin
NCBI Official Synonym Full Names	haptoglobin<
NCBI Official Symbol	HP
NCBI Protein Information	haptoglobin; zonulin
UniProt Protein Name	Haptoglobin
UniProt Gene Name	HP
UniProt Entry Name	HPT_BOVIN

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-bovine-ovine-elisa-kits/haptoglobin/15263>