

Pig haptoglobin ELISA Kit | HP elisa kit

Pig Haptoglobin, Hpt/HP ELISA Kit

CATALOG #
AAA15655

REACTIVITY
Pig

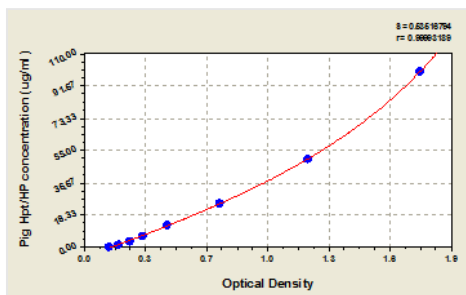
PRODUCT SYNONYMS

haptoglobin; Pig Haptoglobin; 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	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig Hpt/HP. No significant cross-reactivity or interference between pig Hpt/HP and analogues was observed.
Sequence Length	347
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ug/ml-100 ug/ml
Sensitivity	< 0.39 ug/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 quantitative sandwich enzyme immunoassay technique. Antibody specific for Hpt/HP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Hpt/HP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Hpt/HP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Hpt/HP 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 #	47522826
NCBI GeneID	397061
NCBI Accession #	NP_999165.1
NCBI GenBank Nucleotide #	NM_214000.2
UniProt Accession #	Q8SPS7
Molecular Weight	38,482 Da
NCBI Official Full Name	haptoglobin
NCBI Official Symbol	HP
NCBI Protein Information	haptoglobin; zonulin; haptoglobin alpha 1S
UniProt Protein Name	Haptoglobin
UniProt Gene Name	HP
UniProt Entry Name	HPT_PIG

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.