

Human Haptoglobin Related Protein (HPR) CLIA Kit | HPR clia kit

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CATALOG #
AAA130101

REACTIVITY
Human

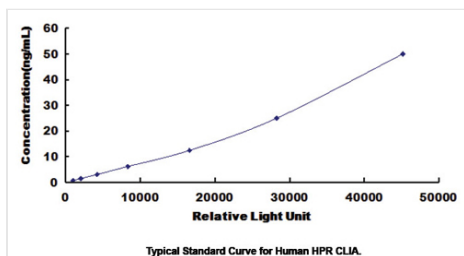
PRODUCT SYNONYMS

Haptoglobin Related Protein (HPR); Human Haptoglobin Related Protein (HPR) CLIA Kit; HP; HPR clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Haptoglobin Related Protein (HPR). No significant cross-reactivity or interference between Haptoglobin Related Protein (HPR) and analogues was observed.
Sequence Length	348
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	68.6-50,000pg/mL
Sensitivity	25.4pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Haptoglobin Related Protein (HPR) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Haptoglobin Related Protein (HPR) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HPR clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Haptoglobin Related Protein (HPR). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Haptoglobin Related Protein (HPR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Haptoglobin Related Protein (HPR) level in the sample or standard.;
Product Categories/Family for HPR clia kit	Tumor immunity; Infection immunity; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	45580723
NCBI GeneID	3250
NCBI Accession #	NP_066275.3
NCBI GenBank Nucleotide #	NM_020995.3
UniProt Accession #	P00739; Q7LE20; Q92658; Q92659; Q9ULB0
Molecular Weight	43,078 Da
NCBI Official Full Name	haptoglobin-related protein
NCBI Official Synonym Full Names	haptoglobin-related protein
NCBI Official Symbol	HPR
NCBI Official Synonym Symbols	HP; A-259H10.2
NCBI Protein Information	haptoglobin-related protein
UniProt Protein Name	Haptoglobin-related protein
UniProt Gene Name	HPR
UniProt Entry Name	HPTR_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://stage.aaabiotech.com/human-clia-kits/haptoglobin-related-protein-hpr/130101>