



Rat Haptoglobin,Hpt/HP ELISA KIT

Product Code	CSB-E08587r
Abbreviation	HP
Target Name	haptoglobin
Uniprot No.	P06866
Alias	BP, HP2-ALPHA-2, HPA1S, MGC111141, binding peptide haptoglobin alpha(1S)-beta haptoglobin alpha(2FS)-beta haptoglobin, alpha polypeptide haptoglobin, beta polypeptide
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates,bronchoalveolar lavage fluid, urine
Detection Range	0.156 µg/mL-10 µg/mL
Sensitivity	0.039 µg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cardiovascular
Gene Names	Hp
Tag Info	quantitative
Protein Description	Sandwich

Description	This Rat Haptoglobin (HP) ELISA Kit was designed for the quantitative measurement of Rat Haptoglobin (HP) protein in serum, plasma, cell culture supernates, tissue homogenates,bronchoalveolar lavage fluid, urine. It is a Sandwich ELISA kit, its detection range is 0.156 µg/mL-10 µg/mL and the sensitivity is 0.039 µg/mL.
Target Details	This gene encodes a preproprotein, which is processed to yield both alpha and beta chains, which subsequently combine as a tetramer to produce haptoglobin. Haptoglobin functions to bind free plasma hemoglobin, which allows degradative enzymes to gain access to the hemoglobin, while at the same time preventing loss of iron through the kidneys and protecting the kidneys from damage by hemoglobin. Mutations in this gene and/or its regulatory regions cause ahaptoglobinemia or hypohaptoglobinemia. This gene has also been linked to diabetic nephropathy, the incidence of coronary artery disease in type 1



diabetes, Crohn s disease, inflammatory disease behavior, primary sclerosing cholangitis, susceptibility to idiopathic Parkinson s disease, and a reduced incidence of Plasmodium falciparum malaria. A similar duplicated gene is located next to this gene on chromosome 16. Multiple transcript variants encoding different isoforms have been found for this gene.

Msd

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