

Native Mouse Serum Haptoglobin

Cat. No. Hp-8155M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Serum Haptoglobin was purified from Mouse Serum.
Species	Mouse
Source	Mouse Serum
Description	Haptoglobin (frequently abbreviated as Hp) is a protein in the blood plasma that binds free hemoglobin released from erythrocytes with high affinity and thereby inhibits its oxidative activity. The haptoglobin-hemoglobin complex will then be removed by the reticuloendothelial system (mostly the spleen). Haptoglobin is a serum protein that consists of two alpha and two beta chains connected by disulfide bridges. It acts as a hemoglobin scavenger and has been associated with protease inhibitory activity. It is a positive acute phase reactant, the levels of which increase significantly in mice in response to inflammation, tissue injury or disease.
Form	10mM Sodium Phosphate pH 7.2, 150mM NaCl
Purity	>90% by SDS-PAGE
Stability	2 years
Storage	Below -20 °C
Concentration	>0.5 mg/mL

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GENE INFORMATION

Gene Name	Hp haptoglobin [Mus musculus]
Official Symbol	Hp
Synonyms	HP; haptoglobin; HP-1;
Gene ID	15439
mRNA Refseq	NM_017370
Protein Refseq	NP_059066
Function	catalytic activity; hemoglobin binding; protein homodimerization activity; serine-type endopeptidase activity;

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