

Native Human Haptoglobin 1-1

Cat. No. Hp1-1-195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Human Plasma Haptoglobin 1-1
Species	Human
Source	Human Plasma
Description	In blood plasma, haptoglobin binds free hemoglobin (Hb) 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). In clinical settings, the haptoglobulin assay is used to screen for and monitor intravascular hemolytic anemia . In intravascular hemolysis, free hemoglobin will be released into circulation and hence haptoglobin will bind the Hb. This causes a decline in Hp levels. Conversely, in extravascular hemolysis the reticuloendothelial system, especially splenic monocytes, phagocytose the erythrocytes and hemoglobin is not released into circulation; serum haptoglobin levels are therefore normal
Form	Lyophilized, salt-free
Molecular Mass	86000
Purity	>95% by SDS-PAGE
Storage	Store at -20 °C.

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