

**Kit Configuration**

P/N 3000-2305	1 x 35 mL HAPT R1
	2 x 3.5 mL HAPT R2

**Reagent Preparation**

P/N 3000-2305 HAPT R1: Ready to use.  
 HAPT R2: Ready to use.  
 Place the bottles into reagent tray.

**In Use Stability**

For optimal stability remove reagents from the system and store them at 2-8°C in the original vial securely closed.

**Specimen**

Serum.

**Calibration**

Use quantex PROTEINS standard multipoint Cat. No 300-2128. See insert sheet for lot specific concentrations. Recalibrate every 90 days or when a new lot of reagent is used.

**Quality Control**

Use quantex PROTEINS Control I/II Cat. No.3000-2122.

**Calculation of Analytical Results**

The results concentration is automatically calculated by the instrument against the Calibration curve. For detailed description, refer to the Instrument settings and to the ILab 350 Operator Manual.

**Reference Interval**

The reported expected range for haptoglobin in adults is 30-200 mg/dL (0.3 – 2.0 g/L).

**References / Literatur / Bibliografia / Bibliographie / Bibliografía /**

See package insert enclosed in the kit

**Performance Characteristics**

**Limitation/Interfering Substances**

Non significant interference from triglycerides up to concentration of 2000 mg/dL (22.6 mmol/L). No significant interference from bilirubin up to 20 mg/dL (340 µmol/L) and hemoglobin up to concentrations of 500 mg/dL (0.30 mmol/L). For a comprehensive review of interfering substances, refer to the publication by Young *et al.*<sup>1</sup>

**Precision**

	Samples/Runs	Mean (mg/dL)	CV(%)	Mean (mg/dL)	CV(%)
Within run	4/10	61	3.9	209	4.5
Total	4/10	61	2.9	209	5.4

**Method Comparison**

Comparison Method (x)	same reagent
Comparison Instrument (x)	Nephelometer (Behring BN II)
Slope	1.01
y intercept	3.0
Mean X (mg/dL)	166.9
Mean Y (mg/dL)	171.5
r	0.964
n	101

**Linearity**

no rerun 28 - 240 mg/dL ; with rerun 28 - 1920 mg/dL

**Minimum Detection Limit**

4.5 mg/dL

**Quantification Limit**

28 mg/dL

