

Protein Standard High Lot AL06138

Intended use

Preparation of reference curves for quantitative immunochemical determination of proteins in human serum.

Composition

Protein standard serum is a defibrinated human plasma, liquid stabilised and filtered through 0.2 µ. Preservative: 0.095 % sodium azide.

Package

1 x 1 mL

REF

 MPS/STH-001
1 x 5 mL

REF

 MPS/STH-005

Ready for use.

Storage and Stability

The expiry date of the product at + 2 ° to 8 °C is listed on the label.

After first opening the container, the serum can be used for 6 weeks if stored tightly closed at + 2 ° to 8 °C after use.

Do not freeze.

Precautions and Warnings

1. For in Vitro Diagnostic use.
2. Each individual donation intended for use in manufacture of protein control serum was tested for hepatitis B surface antigen (HBsAg), anti-hepatitis C virus (anti-HCV) and anti-HIV1 and HIV 2 by FDA required test. Only donations with negative findings were used for its manufacture. Nevertheless every product obtained from human body fluids should be handled with appropriate care in accordance with recommended procedures for biohazardous materials since absence of infectious agents can never be proven.
3. Reagents containing sodium azide must be handled with due caution: Do not ingest or allow to contact skin or mucous membranes! Sodium azide can form explosive azides when contacting heavy metals such as copper or lead.

Assigned Values

Protein	Protein Values* mg/dL
Albumin	12660
a1-Antitrypsin	406
a2-Macroglobulin	679
a1-Acidglycoprotein	233
Ceruloplasmin**	93
Haptoglobin	361
Transferrin	830
IgA	610
IgG	2796
IgM	390
Complement C3	313
Complement C4	55
Antithrombin III**	69
C1 esterase inhibitor**	58
Kappa Light Chain**	755
Lambda Light Chain**	383
Prealbumin	72

* Values based on a reference preparation (ERM-DA470k/IFCC) from the International Federation of Clinical Chemistry (IFCC)

** Values based on Siemens standard material