



## NORMAL HUMAN SERUM

**CATALOG NUMBER:** S1-100ML

**LOT NUMBER:**

**QUANTITY:** 100 mL

**SOURCE:** Normal human serum collected off the clot from healthy normal humans. Each donor unit was tested and found negative for HIV 1&2, HIV-Ag, HCV, HBsAg, and RPR by FDA approved methods.

**PRESENTATION:** Nonsterile liquid. Contains no preservatives.  
Filtered through a 0.22 $\mu$  absolute membrane filter before bottling.

**ANALYSIS:**

Item	Value
Glucose	79 mg/dL
BUN	10 mg/dL
Creatinine	1.0 mg/dL
B.U.N./Creatinine ratio	10
Sodium	146 mEq/L
Potassium	4.5 mEq/L
Chloride	110 mEq/L
Calcium	8.5 mg/dL
Phosphorus	4.4 mg/dL
Uric Acid	4.4 mg/dL
Total Protein	6.6 gm/dL
Albumin	4.1 gm/dL
Globulin	2.5 gm/dL
A/G ratio	1.6
Total Bilirubin	<0.1 mg/dL
Alkaline Phosphatase	51 IU/L
LDH	161 IU/L
AST/SGOT	24 U/L
ALT/SGPT	8 U/L
GGTP	21 U/L
Osmolarity-Serum (calc)	300 mOsm/kg
Ionized Calcium (calc)	3.9 mg/dL
Total Iron	95 $\mu$ g/dL
Cholesterol	165 mg/dL
Triglycerides	123 mg/dL
pH	7.2
Preservatives	None

**STORAGE/HANDLING:** Store frozen at -20°C for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.



**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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