



## Product Overview

PRODUCT:	Enzyme Free, Human Serum
PART NUMBER:	4739
FORM / APPEARANCE:	Liquid, amber to straw, free of visible foreign matter, clots or precipitates
FILTRATION:	0.22 micron-filtered
ADDITIVES:	No preservatives
STORAGE:	< - 10 °C
EXPIRATION:	5 years from date of manufacture

## Analytical Properties

ANALYTE	VALUE
TOTAL PROTEIN:	5.5 – 6.4 g/dL
CALCIUM:	0.3 – 0.9 mg/dL
SODIUM:	80 – 100 mmol/L
POTASSIUM:	0.3 – 0.8 mmol/L
CHLORIDE:	70 – 90 mmol/L
GLUCOSE:	0 – 10 mg/dL
BUN:	0 – 2 mg/dL
CREATININE:	0 – 0.4 mg/dL
BILIRUBIN:	0.1 – 0.3 mg/dL
ALKALINE PHOSPHATASE:	0 – 2 U/L
AST:	0 – 2 U/L
LD:	0 – 2 U/L
CK:	0 – 2 U/L
AMYLASE:	0 – 2 U/L
GGT:	0 – 2 U/L
AMMONIA:	< 0.5 mg/dL
pH:	7.1 – 7.4
TURBIDITY (O.D. @ 546nm):	< 0.28
BIOBURDEN:	< 100 CFUs/mL

### **FOR IN VITRO DIAGNOSTIC MANUFACTURING USE ONLY**

All human plasma units used to prepare this product have been tested by FDA approved tests and found to be non-reactive for HbsAg, Anti-HIV I/II, Anti-HCV, HIV-1 RNA, and HCV RNA. Donors of human plasma units used in the making of this product were tested and found negative for Syphilis according to FDA guidelines.

CAUTION: FOR USE IN RESEARCH OR REMANUFACTURE OF NON-INJECTABLE PRODUCTS NOT SUBJECT TO LICENSE UNDER PHS ACT SECTION 351, ONLY.

CAUTION: ALL BLOOD PRODUCTS SHOULD BE HANDLED AND TREATED AS POTENTIALLY INFECTIOUS.