

## Certificate of Analysis

**PRODUCT:** AB Human Serum

**CODE NO:** 34005

**LOT NO:** 05842

**DATE OF MANUFACTURE:** February 27, 2020

**ORIGIN:** U.S.A.

**STORAGE:** -20 °C

### CHEMISTRY PROFILE:

|                      |   |                  |            |
|----------------------|---|------------------|------------|
| Glucose              | 85 mg/dL  | Albumin          | N/A g/dL   |
| BUN                  | N/A mg/dL                                       | Bilirubin, Total | N/A mg/dL  |
| Creatinine           | N/A mg/dL                                       | Total Iron       | 63 µg/dL   |
| BUN/Creatinine Ratio | N/A   | Cholesterol      | 72 mg/dL   |
| Sodium               | 129 mEq/L                                       | Triglycerides    | 31 mg/dL   |
| Potassium            | 3.8 mEq/L                                       | Bioburden        | N/A cfu/mL |
| Chloride             | 96 mg/dL  | Endotoxin        | <10 EU/mL  |
| Calcium              | 6.9 mg/dL                                       | Mycoplasma       | Negative   |
| Phosphorus           | 3.5 mg/dL                                       | Growth Promotion | Positive   |
| Uric acid            | 3.2 mg/dL                                       | pH               | 7.1        |
| Total Protein        | 4.8 g/dL  | Filtration       | 0.1 µm     |
| Appearance           | Clear to turbid colorless to straw amber liquid | Preservative     | None       |

**TESTING:** Each unit of plasma used in the preparation of this material was tested and found negative for HIV 1/2, HBsAg, HCV, HIV-1 (NAT), HCV (NAT), and RPR by FDA approved methods.

**CAUTION:** NOT FOR USE IN HUMANS OR CLINICAL DIAGNOSIS. These products are intended for research or manufacturing use only.

### QUALITY ASSURANCE

Quality Control Release Date: March 9, 2020



Doug Stocker  
Quality Systems Technician

**Meets or exceeds specifications**

**Does not meet specifications**

**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**