

**Certificate of Analysis****PRODUCT:** AB Human Serum**CODE NO:** 34005**LOT NO:** 23144**DATE OF MANUFACTURE:** August 19, 2022  
**STORAGE:** -20 °C**ORIGIN:** U.S.A.**CHEMISTRY  
PROFILE:**

|               |           |                  |              |
|---------------|-----------|------------------|--------------|
| Glucose       | 71 mg/dL  | Total Iron       | 66 µg/dL     |
| Sodium        | 127 mEq/L | Cholesterol      | 137 mg/dL    |
| Potassium     | 4.0 mEq/L | Triglycerides    | 113 mg/dL    |
| Chloride      | 93 mg/dL  | Endotoxin        | < 3.84 EU/mL |
| Calcium       | 6.0 mg/dL | Mycoplasma       | Negative     |
| Phosphorus    | 3.4 mg/dL | Growth Promotion | Positive     |
| Uric acid     | 3.5 mg/dL | pH               | 7.3          |
| Total Protein | 4.9 g/dL  | Filtration       | 0.1 µm       |
|               |           | Preservative     | None         |

**APPEARANCE :** Clear to turbid colorless to straw amber liquid**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.

This product is tested negative for HLA class I and HLA class II antibody screens using OneLambda LabScreen Mixed kit on Luminex platform.

**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:

August 19, 2022

Theresa Kwasny  
Director of Quality**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**