

Biologicals Division

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**Pel-Freez®**

**Analysis Certificate**

**PRODUCT:** AB Human Serum

**CODE NO:** 34005

**LOT NO:** 05737

**STORAGE:** -20 °C

**CHEMISTRY PROFILE:**

|                      |                                                    |                  |                 |
|----------------------|----------------------------------------------------|------------------|-----------------|
| Glucose              | 80 mg/dL                                           | Albumin          | 3.7 g/dL        |
| BUN                  | 10 mg/dL                                           | Bilirubin, Total | 0.3 mg/dL       |
| Creatinine           | 1.0 mg/dL                                          | Total Iron       | 137 µg/dL       |
| BUN/Creatinine Ratio | 10                                                 | Cholesterol      | 150 mg/dL       |
| Sodium               | 140 mEq/L                                          | Triglycerides    | 176 mg/dL       |
| Potassium            | 4.3 mEq/L                                          | Bioburden        | < 1 cfu/mL      |
| Chloride             | 100 mg/dL                                          | Endotoxin        | < 5 EU/mL       |
| Calcium              | 7.9 mg/dL                                          | Mycoplasma       | Negative        |
| Phosphorus           | 3.3 mg/dL                                          | Growth Promotion | Passed/Positive |
| Uric acid            | 6.0 mg/dL                                          | pH               | 7.42            |
| Total Protein        | 5.5 g/dL                                           | Filtration       | 0.1 µm          |
| Appearance           | Clear to turbid colorless<br>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.

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:** March 6, 2015



Sarah Graves  
Quality Systems Technician

**Meets or exceeds specifications** ✓

**Does not meet specifications**

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES