

Biologicals Division

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***Pel-Freez®***

**Analysis Certificate**

**PRODUCT:** AB Male Human Serum Off-Clot

**CODE NO:** 34006

**LOT NO:** 05636

**STORAGE:** -20 °C or below

**CHEMISTRY PROFILE:**

|                 |            |               |                     |
|-----------------|------------|---------------|---------------------|
| Glucose         | 98 mg/dL   | Cholesterol   | 171 mg/dl           |
| Sodium          | 144 mmol/l | Triglycerides | 83 mg/dl            |
| Potassium       | 4.3 meq/l  | Osmolality    | 283 mOsm/kg         |
| Chloride        | 105 mmol/l | Hemoglobin    | 2.9 mg/dl           |
| Calcium         | 9.7 mg/dl  | pH            | 7.68                |
| Phosphorus      | 3.4 mg/dl  | Sterility     | Negative for growth |
| Total Protein   | 7.4 g/dl   | Mycoplasma    | Not detected        |
| Albumin         | 4.5 g/dl   | Endotoxin     | <0.6 EU/ml          |
| Total Bilirubin | 0.2 mg/dl  |               |                     |

**TESTING:** Each donor unit of serum used in the preparation of this material, as well as the finished product, was tested and found negative for HIV I/II, HBsAg, HCV, HCV RNA, HIV-1 RNA, HBV-DNA, HTLV I/II, West Nile Virus, Syphilis by FDA approved methods.

**QUALITY ASSURANCE**

**Quality Control Release Date:** February 26, 2014



Sarah Graves  
Quality Systems Technician

**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**