**PRODUCT SPECIFICATION**

<table>
<thead>
<tr>
<th>catalog number:</th>
<th>P21000</th>
</tr>
</thead>
<tbody>
<tr>
<td>product description:</td>
<td>Steroid Free Serum, Lipid Stripped</td>
</tr>
<tr>
<td>lot number:</td>
<td>[lot specific]</td>
</tr>
<tr>
<td>source:</td>
<td>Human</td>
</tr>
<tr>
<td>form:</td>
<td>Frozen liquid</td>
</tr>
<tr>
<td>pH:</td>
<td>7.25</td>
</tr>
<tr>
<td>preservative:</td>
<td>None</td>
</tr>
<tr>
<td>bioburden:</td>
<td>&lt;100 CFU/mL at bottling</td>
</tr>
<tr>
<td>total protein:</td>
<td>[lot specific] gm/dL</td>
</tr>
</tbody>
</table>

**RIA testing:**
- Aldosterone: below sensitivity (1.6 ng/dL by RIA)
- TT3: below sensitivity (0.25 ng/mL by Architect)
- TT4: below sensitivity (1.0 µg/dL by Architect)
- Cortisol: below sensitivity (0.8 µg/dL by Architect)
- Estriol: below sensitivity (0.02 ng/mL by chemiluminescent immunoassay)

**biochemical assay:**
- Sodium: 138.5 mEq/L
- Potassium: 2.00 mEq/L
- Chloride: 104.8 mEq/L
- Glucose: 0.2 mg/dL
- BUN: 0.00 mg/dL
- Creatinine: <0.203 mg/dL
- Calcium: 0.49 mg/dL
- Phosphorus: 1.66 mg/dL
- Albumin: 4.81 gm/dL
- Uric Acid: 0.0 mg/dL
- AST: 8.6 U/L
- ALT: 4.9 U/L
- Alk. Phos.: 15.6 U/L
- Total bilirubin: 0.02 mg/dL
- GGT: 9.3 U/L
- Cholesterol: 0.9 mg/dL
- Globulin: 1.4 gm/dL
- Triglycerides: 2.0 mg/dL
- Iron: 364.0 µg/dL

**storage:**
-20°C

**hazard/biohazard:**
Donor material has been tested and found negative for HBsAg, anti-HIV 1&2, anti-HTLV 1 & 2, anti-HCV, anti-HBcAg, and RPR/STS by FDA approved methods. Units were also tested and found negative for HIV and HCV by NAT. However, this material should still be handled with caution as potentially hazardous.