# PRODUCT SPECIFICATION

<table>
<thead>
<tr>
<th>catalog number:</th>
<th>P21010</th>
</tr>
</thead>
<tbody>
<tr>
<td>product description:</td>
<td>Steroid Free Serum, Non 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>7.01</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:
- Testosterone: below sensitivity (4.0 ng/dL by RIA)
- Estradiol: below sensitivity (1.4 pg/mL by RIA)
- Cortisol: Below sensitivity (0.2 µg/dL by RIA)
- Estriol: below sensitivity (0.02 ng/mL by chemiluminescent immunoassay)

### Biochemical assay:
- Sodium: 138.4 mEq/L
- Potassium: 2.35 mEq/L
- Chloride: 103.8 mEq/L
- Glucose: <2.0 mg/dL
- BUN: <1.0 mg/dL
- Creatinine: 0.2 mg/dL
- Calcium: 2.1 mg/dL
- Phosphorus: 1.9 mg/dL
- Albumin: 4.1 gm/dL
- Uric Acid: <0.1 mg/dL
- AST: 8.0 U/L
- ALT: 6.0 U/L
- Alk. Phos.: 11.0 U/L
- Total bilirubin: <0.1 mg/dL
- GGT: 13.0 U/L
- Cholesterol: 125.0 mg/dL
- Globulin: 2.0 gm/dL
- Triglycerides: 64.0 mg/dL
- Iron: 337.0 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.