Material Safety Data Sheet

SLE Latex Test Kit
(Serology Test Kit)

SECTION 1. GENERAL INFORMATION

- Trade Name: SLE Latex Test
- Synonyms: Systemic Lupus Erythematosus Latex Test
- Chemical Family: N/A
- Active Formula Ingredients: Latex: Polystyrene latex particles coated with DNP extracted from fetal calf thymus. Sodium azide (0.1%) is used as a preservative.
  Positive Control: Human serum that has been diluted and stabilized with buffers and contains 0.1% sodium azide as preservative.
  Negative Control: Human serum that has been diluted and stabilized with buffers and contains 0.1% sodium azide as preservative.
  Other components either non-hazardous or at concentrations below that requiring hazardous listing.

SECTION 2. COMPOSITION / HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>%</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffered Salts, Antibodies</td>
<td>Mixture</td>
<td></td>
</tr>
<tr>
<td>Other components either non-hazardous or at concentrations below that requiring hazardous listing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paints, Preservatives, and Solvents:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Alloys and Metallic Coatings:</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Hazardous Mixtures of other liquids, solids, or gasses:</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3. PHYSICAL DATA

- Boiling Point: 100 °C
- Melting Point: N/A
- Specific Gravity: 1 (Water = 1)
- Vapor Pressure: N/A
- Vapor Density: 0.6 (Air = 1)
- % Volatile: > 90
- Evaporation Rate: 1 (Water = 1)
- Solubility in Water: Soluble.
- **Appearance and Odor:**  
  SLE Antigen – Gray color.  
  Controls – Clear solutions.

### IV: FIRE AND EXPLOSION DATA

- **Flash Point:** N/A  
- **Flammable Limit:** N/A  
- **Extinguishing Media:** Use media appropriate for surrounding materials.  
- **Explosion Potential:** Reagents containing sodium azide may combine with copper and lead plumbing to form highly explosive metal azide.

### V: REACTIVITY DATA

- **Stability:** This product is stable if the proper storage conditions are observed (i.e. store at 2 – 8 °C, in the original and intact container).  
- **Polymerization:** Will not occur.  
- **Incompatibility:** N/A  
- **Hazardous Decomposition Product:** N/A  
- **Conditions to be avoided:** N/A

### VI: HEALTH AND HAZARD DATA

Positive and Negative controls predated using human sera found negative for hepatitis B surface antigen (HBsAg) and HIV-III by FDA required test; however, handle as if potentially infectious.

- **Threshold Limit Value (TLV):** N/A  
- **Effects of Overexposure:** N/A  
- **Emergency and First Aid Procedures:** N/A

### VII. PREVENTIVE MEASURES

- **Steps to be taken in case material is spilled or released:** Flush area with large amounts of water, clean with detergent until all reminiscence are gone.  
- **Waste Disposal Methods:** Follow Federal, State, and local regulations.  
- **Respiratory Protection:** The products, by themselves, do not warrant special consideration. However, product should be used in environment with good general ventilation. The anticipated use of these products can involve potential infectious serum specimens. The use of biological safety hoods and the prevention of aerosols must be dictated by the standard operational procedures of each individual laboratory.  
- **Eye Protection:** Goggles with side shields recommended.  
- **Skin Protection:** Gloves required.  
- **Other Protective Equipment:** Laboratory coat, Eyewash station, Emergency Shower.  
- **Repair and Maintenance for Equipment previously in contact with material:** Wash equipment with water or as stated in individual equipment manuals. Clean with detergent until all reminiscence are gone. Follow Federal, State and local regulations for waste disposal.
VIII. SPECIAL PRECAUTIONS

- Store at temperature listed on container.
- Do not pipette by mouth. Avoid contact or ingestion.
- The Product Insert contains information regarding any additional precautions.

IX. OTHER INFORMATION

- This Product is labeled in accordance with CFR21 (Food and Drugs), Section 809.10.
- The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Diagnostic Automation, Inc. makes no warranties and assumes no liability in connection with the use of this information. It is the user’s responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.

X. TRANSPORTATION INFORMATION

- DOT
  - Proper Shipping Name: None
  - This substance is considered non-hazardous for transport
- IATA
  - Proper Shipping Name: None
  - This substance is considered non-hazardous for transport
- Regulatory Information

<table>
<thead>
<tr>
<th>Component</th>
<th>SARA TPQ (lbs)</th>
<th>SARA DeMininis (%)</th>
<th>CERCLA RQ (lbs)</th>
</tr>
</thead>
</table>

If there is no information listed on the regulatory information chart, this indicates that the chemical is not covered by the specific regulation listed.

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SLE Latex Kit

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