1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name:</th>
<th>ASI Rapid Plasma Rea(n (RPR) Card Test for Syphilis</th>
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</thead>
<tbody>
<tr>
<td>Product number:</td>
<td>900025 25 Test Kit</td>
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<tr>
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<td>900100 100 Test Kit</td>
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<td>900500 500 Test Kit</td>
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<td>9005000-10 5000 Test Kit</td>
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<td>9005000-30 5000 Test Kit</td>
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<td></td>
<td>90010000 10000 Test Kit</td>
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<tr>
<td>Brand:</td>
<td>ASI</td>
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<tr>
<td>Company:</td>
<td>Arlington Scientific Inc.</td>
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<td></td>
<td>1840 N Technology Drive</td>
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<td></td>
<td>Springville, UT 84663</td>
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<td>USA</td>
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<tr>
<td>Telephone:</td>
<td>(801) 489-8911</td>
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<td>Fax:</td>
<td>(801) 489-5552</td>
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<tr>
<td>Emergency phone #:</td>
<td>(801) 489-8911</td>
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2. HAZARDS IDENTIFICATION

**Emergency overview:** This product is not classified according to the Global Harmonized System (GHS).

**OSHA hazards:** NFPA and HMIS ratings: Health = 2; Flammability = 0; Reactivity = 0

**Flammable liquid:** None

**Target organ effect:** None

**Harmful by ingestion:** Avoid hand-to-mouth contact when handling human serum source materials. Wash hands thoroughly after handling, even when gloves have been worn. Do not eat, drink, or apply cosmetics in the area where human source material is handled. Do not pipet by mouth.

**Harmful by skin absorption:** Wear gloves and especially cover any cuts, abrasions, or skin lesions. Dispose of gloves, pipets, stirrers, test cards, and used reagent containers as biohazardous material. Wash hands thoroughly after removing gloves. Use extreme caution with any sharp object to avoid percutaneous exposure to human source material. Wear outer protective garment such as a lab coat or gown.

**Irritant:** None

**Target organs:** None

**Potential health effects:**

- **Inhalation:** No irritating effect.
- **Skin:** No irritating effect.
- **Eyes:** No irritating effect.
- **Ingestion:** No irritating effect.

3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formula:**

1. **RPR Carbon Antigen** - Containing: 0.003% cardiolipin, 0.020 - 0.022% lecithin, 0.09% cholesterol, activated charcoal as a visual enhancer, phosphate buffer, stabilizers, and 0.1% sodium azide as a preservative. There is no hazardous ingredient in concentration greater than 1%

2. **Reactive, Weak Reactive, and Nonreactive control reagents:** ASI controls contain human serum or defibrinated plasma with 0.1% sodium azide as a preservative. All compounds derived from human source materials have been tested at the donor level and found to be nonreactive for HBsAg and for HIV-1, HIV-2, and HCV antibodies. Because no known test offers complete assurance that infectious agents are absent, all materials derived from human blood should be handled as if capable of transmitting infection.

4. FIRST AID MEASURES

**General Advice:** Symptoms of mild discomfort may be exhibited after several hours; therefore observe for any medical
If inhaled: Remove from source to fresh air. If breathing becomes difficult, call a physician.

In case of skin contact: Wash thoroughly with soap and water. Remove contaminated clothing. Call a physician.

In case of eye contact: Flush with large amounts of water or sterile eye wash. Use fingers to separate the eyelids for effective flushing. Call a physician.

If swallowed: If conscious, wash out mouth with water. Call a physician.

5. FIRE-FIGHTING MEASURES
Flammable properties: None
Suitable extinguishing media: CO₂, or multiple dry chemical or water spray.
Special protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES
Personal precautions: Personal precautions, protective equipment, and emergency procedures are not required.
Environmental precautions: Not a risk to environment.
Methods for cleaning up: Clean-up with water moistened cloth or mop. After material has been cleaned-up and removed, wash the spilled area site with a disinfectant cleaner.

7. HANDLING AND STORAGE
Handling: Ensure adequate ventilation and fresh air supply in HVAC
Storage: Store at 2 – 8°C, and avoid freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Personal precautions
Respiratory protection: None required
Hand protection: Surgical gloves
Eye protection: Standard laboratory eye ware
Skin and body protection: Typical laboratory coat or gown
Hygiene measures: No special measures required
Personal precautions: No special precautions required
Respiratory protection: Wear surgical mask if indicated by local procedures

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance
Form: Liquid
Color: Control reagents are transparent; carbon antigen exhibits suspended black particles
Odor: None
Safety data: ASI Reagents contain sodium azide. Azides in contact with lead and copper plumbing may react to form highly explosive metal azides. When disposing of reagents containing azide, flush down the drain with large amounts of water to prevent azide build-up.

10. STABILITY AND REACTIVITY
Storage stability: Refrigerate at 2 – 8°C
Conditions to avoid: Avoid temperatures outside the range of 2 – 8°C. Avoid freezing.
Materials to avoid: None
Hazardous decomposition products: None
Hazardous reactions: None

11. TOXICOLOGICAL INFORMATION
Potential health effects: None
Inhalation | Not an irritant.
Skin | Not an irritant
Eyes | Not an irritant
Ingestion | Not an irritant
Target organs | None

12. ECOLOGICAL INFORMATION
Elimination information | No ecological effects currently identified.

13. DISPOSAL CONSIDERATIONS
Product | ASI reagents contain sodium azide. Azides in contact with lead and copper plumbing may react to form highly explosive metal azides. When disposing of reagents containing azide, flush down the drain with large amounts of water to prevent azide build-up. Smaller quantities can be disposed of with solid waste. This product is not considered an RCRA hazardous waste. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

14. TRANSPORTATION INFORMATION
DOT (US) | Non-hazardous.

15. REGULATORY INFORMATION
FDA 510(k) K851504 (CDRH)
FDA 510(k) BK130001 (CBER)
FDA 510(k) K111356 (CDRH)
CLIA, Moderately complex

16. OTHER
To the best of our knowledge, the information provided in this Safety Data Sheet is accurate. ASI does not assume any liability for the accuracy of completeness of the information. Final suitability of a material is the responsibility of the user. All materials may present unknown hazards and should always be used with caution. Although hazards are described in this Safety Data Sheet, ASI does not guarantee that these issues are the only hazards that exist.