

SAFETY DATA SHEET

Revision Date: OCT 2021

Arlington Scientific, Inc.
Springville, UT 84664
www.arlingtonscientific.com

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|--------------------|--|----------------|
| Product name: | ASI Rapid Plasma Reagin (RPR) Card Test for Syphilis | |
| Product number: | 900025 | 25 Test Kit |
| | 900100 | 100 Test Kit |
| | 900500 | 500 Test Kit |
| | 9005000-10 | 5000 Test Kit |
| | 9005000-30 | 5000 Test Kit |
| | 90010000 | 10000 Test Kit |
| Brand: | ASI | |
| Company: | Arlington Scientific Inc. 1840 N Technology Drive Springville, UT 84663 USA | |
| Telephone: | (801) 489-8911 | |
| Fax: | (801) 489-5552 | |
| Emergency phone #: | (801) 489-8911 | |

2. HAZARDS IDENTIFICATION

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|----------------------------------|---|
| 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

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| Formula: | Reagents contained in kit: |
| | <p>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%.</p> <p>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.</p> |

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4. FIRST AID MEASURES

| | |
|--------------------------|--|
| General Advice: | Symptoms of mild discomfort may be exhibited after several hours; therefore observe for any medical symptoms for at least 48 hours. |
| 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

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| Flammable properties: | None |
| Suitable extinguishing media: | CO ₂ , or multiple dry chemical or water spray. |
| Special protective equipment for Fire-Fighters: | No special measures required. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions: | Personal precautions, protective equipment, and emergency procedures are not required. |
| Environmental precautions: | Not a risk to the 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

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| Handling | Ensure adequate ventilation and fresh air supply in HVAC |
| Storage | Store at 2 – 8°C, and avoid freezing |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 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

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|-------------|--|
| 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. |

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10. STABILITY AND REACTIVITY

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| 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

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|--------------------------|------------------|
| 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

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|-------------------------|---|
| Elimination information | No ecological effects currently identified. |
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13. DISPOSAL CONSIDERATIONS

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| 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), EU and local requirements. |
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14. TRANSPORTATION INFORMATION

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| DOT (US) | Non-hazardous. |
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15. REGULATORY INFORMATION

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| | FDA 510(k) K851504 (CDRH) |
| | FDA 510(k) BK130001 (CBER) |
| | FDA 510(k) K111356 (CDRH) |
| | CLIA, Moderately complex |
| | (EU) 2020/878 (REACH) |

16. OTHER

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| | 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 or 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. |
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