SAFETY DATA SHEET

ARLINGTON SCIENTIFIC

1. IDENTIFICATION	
Product name	**ASI Syphilis IgG TEST**
Product number	890096AG
Brand	ASI
Recommended use/Restrictions on use	ASI SYPHILIS IgG is an immunoenzymatic method for the qualitative detection of IgG antibodies to *Treponema pallidum* in human serum by a manual technique. The test may be used in conjunction with non-treponemal testing to provide serological evidence of infection with *T. pallidum.* For Qualitative Detection of IgG Antibodies to *Treponema pallidum*
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	
Classification	Classification under 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Hazard Classification	All constituents considered non-hazardous according to 29 CFR 1910.1200 (d)(1)(ii)
Signal Word	None Required
Hazard Statement	None Required
Label Elements	None Required
Precautionary Statements	None Required
Hazards not otherwise classified (HNOC)	None Identified

3. COMPOSITION/INFORMATION ON INGREDIENTS	
Composition	All constituents considered non-hazardous according to 29 CFR 1910.1200 (d)(1)(ii)

4. FIRST AID MEASURES	
General Advice	Never give anything by mouth to an unconscious person.
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.
Most Important symptoms/effects, acute and delayed	Not expected to present a significant hazard under anticipated conditions of normal use.

5. FIRE-FIGHTING MEASURES	
Flammable properties	None
Suitable extinguishing media	CO2, or multiple dry chemical or water spray
Special protective equipment for Fire-Fighters	None required.

6. ACCIDENTAL RELEASE MEASURES	
Personal precautions	Follow general laboratory practices
Protective Equipment	General Laboratory personal protective equipment
Emergency procedures	None required.
Methods and materials for containment and cleaning up	Clean-up with water moistened cloth or mop. After material has been cleaned-up and removed, wash the spilled area with disinfectant cleaner.

7. HANDLING AND STORAGE	
Precautions for safe handling	Ensure adequate ventilation and fresh air supply in HVAC.
Conditions for safe storage	Store at 2 - 8 °C and avoid freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Exposure controls	This product does not contain any hazard with occupational exposure limits established by the region-specific regulatory body.
Engineering controls	Follow general laboratory practices
Personal precautions	Avoid hang-to-mouth contact when handling human serum source materials.
Respiratory protection	Wear surgical mask if indicated by local procedures
Hand protection	Wash hands thoroughly after handling, and after removing gloves.
Eye protection	Standard laboratory eyewear.
Skin and body protection	Wear gloves and especially cover any cuts, abrasions, or skin lesions. Where outer protective garment such as a lab coat or gown.

Hygiene measures	Do not eat, drink, or apply cosmetics in the area where human source material is handled. Do not pipet by mouth

9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Liquid
Color	Varies per component
Odor (odor threshold)	No applicable information is available
Melting point/freezing point	No applicable information is available
Boiling point	No applicable information is available
Flammability	No applicable information is available
Lower and upper explosion limit/flammability limit	No applicable information is available
Flash point	No applicable information is available
Auto-ignition temperature	No applicable information is available
Decomposition temperature	No applicable information is available
pH	Varies per component
Kinematic viscosity	No applicable information is available
Solubility	No applicable information is available
Partition coefficient n-octanol/water (log value)	No applicable information is available
Vapor pressure (includes evaporation rate)	No applicable information is available
Density and/or relative density	No applicable information is available
Relative vapor density	No applicable information is available
Particle characteristics	No applicable information is available

10. STABILITY AND REACTIVITY	
Reactivity	No applicable information is available
Chemical stability	No applicable information is available
Possibility of hazardous reactions	No applicable information is available

Conditions to avoid	Avoid temperatures outside the range of 2 – 8 °C, avoid freezing.
Incompatible materials	No applicable information is available
Hazardous decomposition products	No applicable information is available

11. TOXICOLOGICAL INFORMATION

Inhalation	May cause irritation
Skin	May cause irritation
Eyes	May cause irritation
Ingestion	Harmful if swallowed
Symptoms related to physical, chemical, and toxicological characteristics	No applicable information is available
Delayed and immediate effects and chronic effects from short-and long-term exposure	No applicable information is available
Numerical measures of toxicity	No applicable information is available
Interactive effects	No applicable information is available
Listed in National Toxicology Program (NTP) Report on Carcinogens	No applicable information is available
Found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA	No applicable information is available

12. ECOLOGICAL INFORMATION

Elimination information	No applicable information is available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods	ASI reagents contain sodium azide at ≤ 0.1%. Even though the concentration is below what is classified as hazardous according to 2024 OSHA Hazardous Communication Standard 29 CFR 1910.1200, 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. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

14. TRANSPORTATION INFORMATION

DOT (US)	Not regulated

15. REGULATORY INFORMATION	
	FDA 510(k) K050590
	CLIA, moderately complex

16. OTHER	
Other information	To the best of our knowledge, the information provided in the 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 the SDS, ASI does not guarantee that these issues are the only hazards that exist.
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