

SAFETY DATA SHEET

Revision Date: Nov 2015



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

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	ASI HSV IgG Herpes Simplex Virus Test Kit
Product number:	830096AG
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

Emergency overview:	Handle at biosafety level 2, as recommended for any potentially infectious serum or blood specimen.
OSHA hazards:	
Flammable liquid:	None
Target organ effect:	None
Harmful by ingestion:	Microwells have been coated with herpes simplex virus antigen, certified by the supplier. Should be handled as though capable of transmitting infection.
Harmful by skin absorption:	Seek medical attention.
Irritant:	Stop solution is caustic.
Target organs:	None
Potential health effects:	
Inhalation:	Stop solution is caustic.
Skin:	Stop solution is caustic.
Eyes:	Stop solution is caustic.
Ingestion:	Stop solution is caustic.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula:	Reagents contained in kit: Plastic microwells coated with inactivated herpes simplex virus antigen type 1 and type 2 Conjugate, goat anti-human immunoglobulin labeled with calf alkaline phosphatase Normal human serum* Sample diluents, phosphatase buffered saline with protein stabilizer Substrate, P-nitrophenyl phosphate Wash concentrate, Tris buffered saline with tween-20 Stop solution, tri-sodium phosphate *contains 1 mg/mL sodium azide, or less.
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4. FIRST AID MEASURES

General Advice:	Stop solution is caustic. Avoid contact with skin and eyes.
If inhaled:	Flush with water.
In case of skin contact:	Flush with water for three to five minutes.
In case of eye contact:	Flush with water for three to five minutes.
If swallowed:	Contact physician.

5. FIRE-FIGHTING MEASURES

Flammable properties:	Does not support combustion
Suitable extinguishing media:	Use media for surrounding conditions.
Special protective equipment for Fire-Fighters:	Wear breathing apparatus and protective clothing to prevent exposure of skin and eyes.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Clean exposed surfaces with a solution of 0.5% sodium hypochlorite (10% bleach)
Environmental precautions:	No known environmental impact dangers
Methods for cleaning up:	Clean exposed surfaces with a solution of 0.5% sodium hypochlorite (10% bleach)

7. HANDLING AND STORAGE

Handling	FDA recommends biosafety level 2 for handling the materials in this test kit.
Storage	Store at 2 to 8° C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal precautions	Certain components of this test kit are potentially biohazardous materials. Wear suitable protective clothing and glasses when working with the test kit and test specimens.
Respiratory protection	None required
Hand protection	Surgical gloves. Wash hands thoroughly following removal of gloves.
Eye protection	Standard laboratory eye ware
Skin and body protection	Typical laboratory coat or gown. Wash hands thoroughly following removal of gloves.
Hygiene measures	No special measures required. Wash hands thoroughly following removal of gloves.
Personal precautions	No special precautions required. Wash hands thoroughly following removal of gloves.
Respiratory protection	Wear surgical mask if indicated by local procedures

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	The materials comprising this test kit are not classified as hazardous chemicals.
Form	Liquid
Color	Varies per component
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	Sodium azide is toxic and care should be taken to avoid ingestion.
Inhalation	May cause irritation
Skin	May cause irritation
Eyes	May cause irritation
Ingestion	Harmful if ingested. See physician.
Target organs	None known

12. ECOLOGICAL INFORMATION

Elimination information	When disposed of properly they pose no ecological threat.
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13. DISPOSAL CONSIDERATIONS

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Product	Observe all Federal, State and Local environmental regulations. Dispose in accordance with existing disposal practices for infectious waste at your institution. Certain reagents contain sodium azide which can react with lead and copper in plumbing and may detonate on percussion. Flush drains with large quantities of water to minimize build-up of metal-azide compounds.
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14. TRANSPORTATION INFORMATION

DOT (US)	Non-corrosive.
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15. REGULATORY INFORMATION

	FDA 510(k) K963282
	CLIA, Moderately complex
	CE marked

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 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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