

SAFETY DATA SHEET

Revision Date: Nov 2015



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

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	ASI EB VCA IgG Epstein-Barr Virus Test
Product number:	880096AG
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:	This test kit should be handled only by qualified personnel, trained in laboratory procedures and familiar with their potential hazards. Specific warnings are given in the instructions for use. The absence of a specific warning should not be interpreted as an indication of safety.
OSHA hazards:	NFPA and HMIS ratings: Health = 2; Flammability = 0; Reactivity = 0
Flammable liquid:	None
Target organ effect:	None.
Harmful by ingestion:	Seek medical attention.
Harmful by skin absorption:	Flush with water three to five minutes.
Irritant:	Stop solution is caustic.
Target organs:	None known.
Potential health effects:	
Inhalation:	May cause irritation.
Skin:	May cause irritation.
Eyes:	May cause irritation.
Ingestion:	May cause irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula:	Reagents contained in kit: Plastic microwells: Coated with inactivated Epstein-Barr virus capsid antigen Conjugate: Goat anti-human immunoglobulin labeled with calf alkaline phosphatase Negative control*: Normal human serum Calibrator 1*: Normal human serum Calibrator 2*: Normal human serum Positive control*: Normal human serum Sample diluent: Phosphatase buffered saline with a 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:	The stop solution is caustic. If it comes in contact with the skin or eyes, flush exposed area with water for three to five minutes.
If inhaled:	Flush with water for three to five minutes.
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:	Seek medical attention.

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5. FIRE-FIGHTING MEASURES

Flammable properties:	None except for plastic containers and microwells.
Suitable extinguishing media:	Use media appropriate for surrounding fire conditions.
Special protective equipment: for Fire-Fighters	Wear self-contained breathing apparatus and protective clothing to prevent exposure of skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	
Environmental precautions:	Follow Biosafety level 2 for handling materials in this kit.
Methods for cleaning up:	Clean exposed surfaces with a solution of 0.5% sodium hypochlorite (10% bleach)

7. HANDLING AND STORAGE

Handling	Follow Biosafety level 2 for handling materials in this kit.
Storage	Refrigerate at 2 – 8°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal precautions	Contains potentially biohazardous materials. Wear suitable protective clothing and glasses when working with the test kit and test specimens.
Respiratory protection	Non required
Hand protection	Wear protective gloves
Eye protection	Wear protective glasses
Skin and body protection	Wear standard laboratory coat
Hygiene measures	Wash hands following removal of gloves
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	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	Stable inert compounds. 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	Not an irritant.
Skin	Not an irritant
Eyes	Not an irritant
Ingestion	Not an irritant
Target organs	None

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12. ECOLOGICAL INFORMATION

Elimination information	No ecological effects when disposed of properly..
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13. DISPOSAL CONSIDERATIONS

Product	Dispose in accordance with all Federal, State and Local environmental regulations. Certain reagents contain sodium azide at a concentration of 1 mg or less. Azides may react with lead and copper plumbing to form compounds that may detonate on percussion. When disposing of solutions 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-hazardous, non-corrosive.
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15. REGULATORY INFORMATION

	FDA 510(k) Premarket Notification No. K033915
	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 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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