

SAFETY DATA SHEET

Revision Date: Nov 2015



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

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product name: | ASI EB VCA IgM Epstein-Barr Virus Test |
| Product number: | 880096AM |
| 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

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| 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

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| 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

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| 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

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| 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

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 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

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| 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

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| 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

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| 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

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

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| 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

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

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| | FDA 510(k) Premarket Notification No. K033780 |
| | CLIA, Moderately complex |

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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