

# SAFETY DATA SHEET

Revision Date: May 2018



**Arlington Scientific, Inc.**

Springville, UT 84664  
801 489 8911

www.arlingtonscientific.com

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Allergy 3 screen tests (with panels). Intended to be acquired, possessed and used only by health professionals for <i>in vitro</i> diagnostic use.	
Product number:	IVT Allergy 3 Food 2	2211-004 2211-004-50
	IVT Allergy 3 Food 3	2211-005 2211-005-50
	IVT Allergy 3 Food 4	2211-009 2211-009-50
	IVT Allergy 3 Indoor 1	2211-008 2211-008-50
	IVT Allergy 3 Inhalant 1	2211-001 2211-001-50
	IVT Allergy 3 Pediatric 1	2211-002 2211-002-50
	IVT Allergy 3 Trees 1	2211-006 2211-006-50
	IVT Allergy 3 Weeds 1	2211-007 2211-007-50
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

<b>Emergency overview:</b>	This product is not classified according to the Global Harmonized System (GHS).
<b>OSHA hazards:</b>	NFPA and HMIS ratings: Health = 2; Flammability = 0; Reactivity = 0
Flammable liquid:	None
Target organ effect:	None
Harmful by ingestion:	Wash hands thoroughly after handling, even when gloves have been worn. Do not eat, drink, or apply cosmetics in the area where samples are 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. Wear outer protective garment such as a lab coat or gown.
Irritant:	None known.
<b>Target organs:</b>	None
<b>Potential health effects:</b>	
Inhalation:	No known danger.
Skin:	May cause irritation. Promptly flush area with large amounts of water for 15 minutes. If irritation persists seek medical attention.
Eyes:	May cause irritation. Promptly flush area with large amounts of water for 15 minutes. If irritation persists seek medical attention.
Ingestion:	May cause irritation. Seek medical attention.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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	REAGENTS CONTAINED IN KIT	COMPOSITION
Formula:	<p>Multiple Immunoassay Panel – Panels containing alternating inert white spacers and reactive allergen segments. Coupled to the surface of the reactive segments are insolubilized allergens for the detection of IgE antibodies or anti-IgE antibody for the estimation of total IgE. Within each panel is incorporated an inert negative control segment and a positive control segment with insolubilized human IgE to monitor the proper functioning of the Conjugate and Substrate/Indicator reagents.</p> <p>Conjugate – 4 ml of Goat anti-IgE-Urease enzyme conjugate in physiological saline with protein stabilizers and 0.1% sodium azide as a preservative. Contains green dye as a coloring agent.</p> <p>Substrate/Indicator – 2.5 ml each, containing Bromocresol Purple Indicator and Urea substrate provided at pH 4.9. Yellow color is inherent to the reagent at the proper pH.</p> <p>Wash Solution – 55 ml of detergent in saline solution.</p> <p>All components derived from human source materials have been tested and found to be non-reactive for hepatitis B surface antigen (HBsAG) and antibodies to HIV and HCV. Given that 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>	

## 4. FIRST AID MEASURES

<b>General Advice:</b>	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:	If irritation occurs wash thoroughly with soap and water. Remove contaminated clothing. Call a physician.
In case of eye contact:	If splash can be created use a surgical mask or respiratory protection. Flush with large amounts of water or sterile eye wash for 15 minutes. 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

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

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Personal precautions, protective equipment, and emergency procedures are not required.
Environmental precautions:	No known risk to 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

Handling	Ensure adequate ventilation and fresh air supply in HVAC
Storage	

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal precautions	Standard laboratory protective coat, gloves and eyewear.
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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

Appearance	
Form	Plastic panels with allergen coated segments, and vials with liquids
Color	Conjugate – green; Substrate indicator – purple or yellow
Odor	None
Safety data	

## 10. STABILITY AND REACTIVITY

Storage stability	Room temperature
Conditions to avoid	Avoid temperatures outside the range of room temperature. Avoid freezing.
Materials to avoid	None
Hazardous decomposition products	None
Hazardous reactions	None

## 11. TOXICOLOGICAL INFORMATION

Potential health effects	
Inhalation	May cause irritation
Skin	May cause irritation
Eyes	May cause irritation
Ingestion	Harmful if swallowed.
Target organs	None

## 12. ECOLOGICAL INFORMATION

Elimination information	No ecological effects currently identified.
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## 13. DISPOSAL CONSIDERATIONS

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. This product is not considered an RCRA hazardous waste. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
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## 14. TRANSPORTATION INFORMATION

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

	FDA 510(k)
	CLIA, Moderately complex

## 16. OTHER

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	<p>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.</p>
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