



CrAg Lateral Flow Assay (50 Tests) – CR2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Type LFA
Product Name CrAg Lateral Flow Assay (50 Tests)
Catalogue Number(s) CR2003
Manufacturer, Importer, Supplier Immuno-Mycologics, Inc.
2700 Technology Place, Norman, OK 73071 U.S.A
(405) 360-4669
EMERGENCY TELEPHONE NUMBER Contact local Poison Control Center.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name of Reagent	Reference #	Chemical Name	CAS #	% Weight
CrAg LF Test Strips	LFCR50	N/A	N/A	N/A
LF Specimen Diluent	GLF025	Disodium EDTA	60-00-4	1.860%
		Sodium Chloride	7647-14-5	0.880%
		Glycine	56-40-6	0.730%
		Bovine Serum Albumin	9048-46-8	0.100%
		Sodium Azide	26628-22-8	0.098%
LF Titration Diluent (International Kit Only)	EI0010	Disodium EDTA	60-00-4	1.860%
		Bovine Serum Albumin	9048-46-8	1.000%
		Sodium Chloride	7647-14-5	0.900%
		Glycine	56-40-6	0.750%
		Sodium Azide	26628-22-8	0.100%
CrAg Positive Control	CB1020	Sodium Chloride	7647-14-5	0.899%
		Glycine	56-40-6	0.750%
		Bovine Serum Albumin	9048-46-8	0.100%
		Sodium Azide	26628-22-8	0.099%

3. HAZARDS IDENTIFICATION

Emergency Overview	This kit can be of no harm if used as directed and when applicable safety measures are followed.
Eye Contact	All reagents – Mildly irritating to the eyes.
Skin Contact	All reagents – Mildly irritating to the skin.
Inhalation	All reagents – Mildly irritating to the respiratory system.
Ingestion	All reagents – Toxic if swallowed. May cause irritation to the digestive tract.
General Advice	Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not ingest. Do not eat, drink, or smoke while using this kit. Avoid contact with eyes, skin, and clothing. Keep containers tightly closed. Use personal protective equipment as required. Wash thoroughly after handling.
Principle Routes of Exposure	Eye contact. Skin contact. Ingestion.

4. FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance.
Skin Contact	In case of contact, wash skin with plenty of soap and water.
Eye Contact	In case of contact, check for and remove contact lenses. Flush with copious amounts of water for at least 15 minutes, lifting the upper and lower eyelids occasionally. Get medical attention immediately.
Inhalation	No evidence of harmful effects.
Ingestion	If swallowed, get medical attention immediately. Wash out mouth with water. Do not induce vomiting unless direction to do so by medical personnel. Never give anything by mouth to an unconscious person.
Notes to Physician	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Protection of Those Administering First Aid	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

5. FIRE-FIGHTING MEASURES

Flash Point	No information available.
Suitable Extinguishing Media	Use media appropriate to surrounding fire.
Extinguishing Media Which Must Not Be Used for Safety Reasons	No information available.
Special Protective Equipment for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Under normal use, this kit presents no fire hazard. However, the kit components will burn and could contribute to an existing fire.
Specific Methods	No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Prevent unnecessary and unprotected personnel from entering. Do not breathe mist or vapor. Ensure adequate ventilation. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
Environmental Precautions	All reagents – Contact with acids can create very toxic gas.
Methods for Cleaning Up	No specific method required.

7. HANDLING AND STORAGE**Handling**

Safe Handling Advice	Put on appropriate personal protective equipment. Eating, drinking, and smoking should be prohibited in areas where this kit is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original
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	container or an approved alternative made from a compatible material, tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers. Make sure a safety shower and eyewash station are nearby.
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Storage

Technical Measures/Precautions	Hygroscopic. Store kit at room temperature. Keep containers tightly closed to prevent spilling and degradation of product.
Incompatible Products	All reagents – metals, acids, acid chlorides.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures	Use kit with natural ventilation.
<u>Personal Protective Equipment</u>	
Hand Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times during the use of this kit.
Eye Protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts.
Respiratory Protection	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.
Skin and Body Protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Hygiene Measures	Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure eyewash stations and safety showers are close to the workstation location.
<u>Environmental Exposure Controls</u>	No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES**General Information**

Form	All chemical reagents are dissolved in liquid or of the liquid state. LFA strips contain dried reagents and animal proteins embedded in layers of plastic and synthetic membrane materials.
Odor	None.
Color	LF Specimen Diluent – Colorless LF Titration Diluent – Colorless CrAg Positive Control – Colorless

Important Health, Safety and Environmental Information

pH	All reagents – 7-8
Boiling Point/Range	N/D

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Flash Point N/D
Water Solubility Soluble

10. STABILITY AND REACTIVITY

Stability	All reagents – Stable under normal conditions of storage and use.
Conditions to Avoid	All reagents – Avoid heating above 56°C.
Materials to Avoid	All reagents – Metals, acids, acid chlorides.
Hazardous Decomposition Products	All reagents – Nitrogen oxide.
Polymerization	All reagents – Under normal conditions of storage and use, polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

No information available.

Irritation/Corrosion

No information available.

Classification

No information available.

Chronic Toxicity	All reagents – No information available.
Carcinogenic Effects	All reagents – No information available.
Mutagenic Effects	All reagents – No information available.
Reproductive Toxicity	All reagents – No information available.
Target Organ Effects	All reagents – No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Reagents containing large amounts of sodium azide may cause long term effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products	Waste should be avoided or minimized whenever possible. Significant quantities of waste product residues should not be disposed of via the sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste
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	packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.
Contaminated Packaging	Empty containers should be rinsed and disposed of as appropriate for glass and plastic containers.

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

DOES NOT NEED TO BE SHIPPED AS HAZARDOUS.
DO NOT EXPOSE TO EXTREME HEAT.

DOT

UN-No Not required.
Hazard Class Not applicable.
Packing Group Not applicable.
Subsidiary Risk Not applicable.

IATA

UN-No Not required.
Hazard Class Not applicable.
Packing Group Not applicable.
Subsidiary Risk Not applicable.

15. REGULATORY INFORMATION

No single component contains a hazardous ingredient in an amount that requires identification and labeling.

16. OTHER INFORMATION

THIS KIT CAN BE OF NO HARM IF USED AS DIRECTED AND WHEN APPLICABLE SAFETY MEASURES ARE FOLLOWED. HOWEVER, PHYSICAL CONTACT OR INHALATION OF LARGER THAN NORMAL AMOUNTS OF DISODIUM EDTA OR SODIUM AZIDE CAN BE TOXIC AND/OR IRRITATING TO THE BODY.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Immuno-Mycologics, Inc. shall not be held liable for any damages resulting from handling or from contact with the above product.

End of Material Safety Data Sheet