

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Name:** HIV-1 p24 Antigen Capture Assay

**Product Code:** 5421 and 5447

**Note:** This product is a chemical kit. For information regarding the safety of any of the components (listed in section 3, please refer to the component SDSs). Potential Biohazardous Material: Contains heat or detergent-inactivated human and animal derived materials collected from normal, healthy individuals. Contains human and virus derived materials. Although these reagents have been inactivated, there is no absolute assurance that such products cannot transmit infection. Observe biosafety procedures when handling reagents and samples. Wash thoroughly after handling.

### 1.2. Intended Use of the Product

**Use of the substance/mixture:** For the quantitation of HIV-1 p24 in tissue culture samples. For professional use only.

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

Advanced BioScience Laboratories, Inc.

9800 Medical Center Drive

Building D

Rockville, MD 20850

800-225-5600

[www.ablinc.com](http://www.ablinc.com)

### 1.4. Emergency Telephone Number

**Emergency Number** : 1-800-424-9300

CHEMTREC

## SECTION 2: HAZARDS IDENTIFICATION

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs. Potential Biohazardous material: The Conjugate Solution and HIV-1 p24 Standard contain human derived plasma collected from healthy individuals, tested to be free of common blood-borne pathogens and heat inactivated. The Conjugate Solution and Disruption Buffer contain animal derived materials collected from normal healthy individuals. The Conjugate Solution and HIV-1 p24 Standard contain materials derived from detergent-inactivated human and virus derived materials, respectively. Although inactivated, handle materials as if they are potentially infectious.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product Identifier	Classification (GHS-US)
Conjugate Solution (5421-12ml, 5447-120ml)	(CAS No) Mixture*	Not classified
Disruption Buffer (5421-10ml, 5447-100ml)	(CAS No) Mixture*	Eye Irrit. 2A, H319 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Peroxidase Substrate (5421-12ml, 5447-120ml)	(CAS No) Mixture*	Not classified
Stop Solution (5421-12ml, 5447-4x30ml)	(CAS No) Mixture*	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Microelisa Plate (5421-1plate, 5447 10 plates)	(CAS No) Mixture*	Not classified
Wash Buffer (20X) (5421-2x25ml, 5447-2x250ml)	(CAS No) Mixture*	Not classified
HIV-1 p24 Standard (5421-0.5ml, 5447-5x0.5ml)	(CAS No) Mixture*	Not classified

Full text of H-phrases: see section 16

\*This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

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**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

## 4.2. Most important symptoms and effects, both acute and delayed

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain the spill. Since there is a sulfuric acid component (Stop Solution), check pH and neutralize with acid neutralizer. Then, decontaminate the spill with a fresh bleach solution (10%) and absorb the spill using absorbent materials. Dispose of all cleanup materials in accordance with disposal practices for infectious waste at your institution (local, state, and federal regulations may apply). Wash the spill area after material pick up and decontamination is complete.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. All samples and reagents should be handled as though they are capable of transmitting infectious disease. Handle and dispose of all specimens and materials used to perform the assays as if they contain infectious agents in accordance with local regulations and Universal Precautions as defined by the Centers for Disease Control (CDC).

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Products:** This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

### 7.3. Specific End Use(s)

For the quantitation of HIV-1 p24 in tissue culture samples. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

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## 8.2. Exposure Controls

### Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

### Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles.



### Materials for Protective Clothing

: Chemically resistant materials and fabrics.

### Hand Protection

: Wear chemically resistant protective gloves. Wear protective gloves.

### Eye Protection

: Chemical goggles or safety glasses. Chemical safety goggles.

### Skin and Body Protection

: Wear suitable protective clothing.

### Respiratory Protection

: Wear approved mask. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

### Other Information

: When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid or solid
Appearance	: No data available
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Relative Density	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

**9.2. Other Information** This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## SECTION 10: STABILITY AND REACTIVITY

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## SECTION 11: TOXICOLOGICAL INFORMATION

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs. Potentially Biohazardous Material: Harmful if swallowed or absorbed through skin.

## SECTION 12: ECOLOGICAL INFORMATION

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## SECTION 13: DISPOSAL CONSIDERATIONS

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs. Decontamination of excess Conjugate Solution, Disruption Buffer and HIV-1 p24 Standard material using bleach solution (10%) is recommended. Waste handling requirements are dependent upon local ordinances and therefore it is recommended that the

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community standards as well as state and local regulations be consulted regarding the proper disposal of potentially infectious material.

## SECTION 14: TRANSPORT INFORMATION

- 14.1. In Accordance with DOT** Not regulated for transport  
**14.2. In Accordance with IMDG** Not regulated for transport  
**14.3. In Accordance with IATA** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

This product is a chemical kit. For information regarding the safety of any of the components, please refer to the component SDSs.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

- Revision Date** : 10/13/2015  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H315	Causes skin irritation
H319	Causes serious eye irritation
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)