



# Material Safety Data Sheet

## PLAC<sup>®</sup> Test Reagent Kit, Human Lp-PLA<sub>2</sub> Reagent Kit

### 1. Chemical Product Identification

<b>Product Name:</b>	PLAC <sup>®</sup> Test Reagent Kit, Human Lp-PLA <sub>2</sub> Reagent Kit
<b>Product Number:</b>	90007, 90016, 90107, 90112, 90115, 90116, 10-0112, 10-0113, 10-0115, 10-0126
<b>Product Lot Number:</b>	<b>129031 or greater</b>
<b>Application of the Substance/Preparation:</b>	Test components for measurement of Lp-PLA <sub>2</sub>
<b>Manufacturer/Supplier:</b>	diaDexus, Inc. 343 Oyster Point Blvd. S. San Francisco, CA 94080 1-650-246-6400 www.diadexus.com www.plactest.com
<b>Information Department:</b>	Technical Services, Customer Support
<b>Emergency Phone Number:</b>	For technical assistance, please contact diaDexus at 1-877-342-3398 (U.S. only) or 1-650-246-6400.

### 2. Composition/Information on Components

Principal Hazardous Components	CAS Number	Concentration
<b>R1 – Buffer</b>		
Potassium Chloride	7447-40-7	2.24%
Boric acid	10043-35-3	1.85%
Ethylenediamine Tetraacetic Acid (EDTA)	60-00-4	<1%
Methylisothiazolinone (MIT)	2682-20-4	<1%
<b>R2 – Latex Particles coated with anti-Lp-PLA<sub>2</sub> antibodies</b>		
Tris-HCl	77-86-1	<1%
Methylisothiazolinone (MIT)	2682-20-4	<1%
<b>Note:</b> Cal/OSHA has determined that substances present at less than 1%, if non-carcinogenic, are not required to be reported.		



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### 3. Hazards Identification

**Emergency Overview:** Avoid contact and inhalation; harmful if swallowed; may irritate eyes, skin, and respiratory tract if inhaled. Effects of exposure may be delayed. Medical observation recommended for at least 48 hours after exposure.

**Potential Health Effects:**

**Inhalation:** May cause irritation of respiratory tract and mucous membranes.

**Ingestion:** May cause nausea, vomiting, headache, diarrhea, and prostration. May be an irritant to the gastrointestinal tract. Dehydration and congestion occur in most internal organs. Hypertonic salt solution can produce violent inflammatory reactions in the gastrointestinal tract. May be harmful if swallowed.

**Skin Contact:** May cause irritation, specifically if skin is damaged.

**Eye Contact:** May cause irritation, redness, and pain (for salt concentrations greater than normal saline).

### 4. First Aid Measures

**General Information:** This solution may be harmful and may irritate the eyes, skin, and respiratory tract. The effects of exposure may be delayed. Medical observation is recommended for at least 48 hours after exposure.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

**Skin Contact:** Immediately wash with water and soap and rinse thoroughly.

**Eye Contact:** Immediately flush with plenty of water for at least 15 minutes.

**Ingestion:** Immediately call a doctor.

### 5. Fire Fighting Measures

**Protective Equipment:** Wear appropriate fire protection gear for surrounding fire.

**Suitable Extinguishing Agents:** Dry chemical, CO<sub>2</sub>, water spray, or regular foam.

### 6. Accidental Release Measures

Wear appropriate personal protective equipment, including but not limited to, protective clothing, safety glasses, and protective gloves. Clean spills immediately. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

### 7. Handling and Storage

**Handling:** Follow package insert instructions. Use safety glasses and/or safety face shield while performing test.

**Storage:** Refer to material package insert for storage conditions.

**Other Precautions:** For in-vitro diagnostic use only. Do not apply to eyes or skin. Do not inhale or ingest.



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### 8. Exposure Control/Personal Protective Equipment

<b>Respiratory Protection:</b>	Not required for normal use.
<b>Ventilation:</b>	Use in well ventilated area or with local exhaust ventilation.
<b>Protective Equipment:</b>	Use general laboratory protective equipment, including safety glasses or goggles, protective gloves, and lab coat.
<b>Other Protective Clothing or Equipment:</b>	None for typical use.
<b>Work/Hygienic Practices:</b>	Avoid contact with eyes and skin. Always maintain good housekeeping. Do not eat or store food and beverages in areas where chemicals are stored.

### 9. Physical/Chemical Characteristics

	R1 – Buffer	R2 – Latex Particles coated with anti-Lp-PLA <sub>2</sub> antibodies
<b>Physical State</b>	Liquid	Liquid
<b>Color</b>	Transparent	White Suspension
<b>Odor</b>	Odorless	Odorless
<b>pH</b>	9.0	8.5

### 10. Stability and Reactivity

<b>Stability:</b>	Stable under ordinary use and storage.
<b>Reactivity:</b>	Not applicable.
<b>Hazardous Decomposition or Byproducts:</b>	Not applicable.

### 11. Toxicology Information

The toxicological properties have not been determined on the mixture as a whole. Toxicological data is provided for the individual components. Only selected data is presented here. Manufacturer MSDS's for individual components and references cited therein should be consulted for complete information.

<b>Toxicological Investigations:</b>	<b>Type of Test</b>	<b>Route of Exposure</b>	<b>Species Observed</b>	<b>Dose Data</b>
	Potassium Chloride:			
	LC50	Inhalation	Rodent, Rat	>42 gm/m <sup>3</sup> /1H
	LD50	Skin	Rabbit	>10 gm/kg
	LD50	Oral	Rat	3000 mg/kg

- Sodium chloride is investigated as mutagen, reproductive effectors.
- Carcinogenicity: None of the components are listed by NTP, IARC, or regulated by OSHA as carcinogens.



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## 12. Ecological Information

No data available for the product mixture. Data for individual components is as follows:

- Sodium chloride: No information found.

## 13. Disposal Considerations

**Waste Disposal Method:** Containers and unused contents should be disposed in accordance with federal, state, and local requirements.

## 14. Transport Information

Data is not available for the product mixture as a whole. Components have not been regulated.

**DOT:** Not available.

**IATA:** Not available.

## 15. Regulatory Information

Not regulated per IATA and DOT regulations. This preparation is a component of an FDA-regulated in-vitro diagnostic device.

**TSCA:** Not regulated.

**SARA:** Not regulated.

**California Prop 65:** Not regulated.

## 16. Other Information

The information, data, and recommendations contained herein are believed to be accurate but might not be all-inclusive and should be used only as a guide. diaDexus, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. We reserve the right to revise this MSDS periodically as new information becomes available.