

# CORGENIX, INC.

## Material Safety Data Sheet

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** REAADS Anti-cardiolipin IgG / IgM / IgA ELISA Test Kit

**Company:** Corgenix, Inc.  
12061 Tejon Street  
Westminster, CO 80234  
Phone: (800) 729-5661  
(303) 457-4345

### COMPONENT KEY

1	Beef heart Cardiolipin Coated Microwells	BIO			P
2	Sample Diluent	BIO			P
3	Calibrator and Controls (human serum)	BIO			P
4	Wash Solution (phosphate buffered saline)				
5	Conjugate (horseradish peroxidase / goat anti-human immunoglobulin)	BIO			P
6	Substrate (tetramethylbenzidine with hydrogen peroxide)			T	
7	Stop Solution (0.36N sulfuric acid)		H		

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

KEY	HAZARD INFORMATION
BIO	Contains animal or human sourced material which may be biohazardous. Although human serum or plasma used in these products has been tested and found negative for HIV 1 & 2 antibodies, HCV, and Hepatitis B surface antigen, no test can guarantee their absence; they should be treated as potentially infectious.
H	Contains 0.36 N Sulfuric Acid which is an irritant.
T	Contains dimethylsulfoxide ( $\leq 1\%$ ), 1,2,6-Hexanetriol ( $\leq 5\%$ ), tetramethylbenzidine and hydrogen peroxide. Irritant.
P	Contains one, or some, of the following hazardous materials at low concentrations which are not considered to be hazardous: Chlorhexidine ( $\leq 0.001\%$ ), Ethylenediaminetetraacetic acid ( $\leq 1\%$ ), Proclin 150 ( $\leq 0.1\%$ , containing 5-chloro-2-methyl-4-isothiazolin-3-one/2-methyl-4-isothiazolin-3-one), para-Methoxyphenol ( $\leq 0.01\%$ ), Phenylmethylsulfonyl fluoride ( $\leq 0.05\%$ ), Polyoxyethylenesorbitan monolaurate—Tween 20 ( $\leq 0.1\%$ ), Sodium Azide ( $\leq 0.1\%$ ), Ethylmercurithiosalicylic acid sodium salt—Thimerosal ( $\leq 0.015\%$ )

### SECTION 3: HAZARDS IDENTIFICATION

KEY	
BIO	Biohazardous. Potentially infectious. Avoid contact to mucous membranes or skin abrasions. Handle contaminated sharp objects with extreme care.
H	Irritating to eyes and skin. Symptoms of exposure may include burning sensation and dermatitis. May cause internal irritation if ingested in quantity.
T	Toxic if swallowed, inhaled or absorbed through the skin. Causes eye, skin, mucous membrane, respiratory tract irritation.

### SECTION 4: FIRST AID MEASURES

#### In case of contact with any reagent:

- Eyes:** Immediately flush with copious amounts of water for at least 15 minutes. Consult a physician.
- Skin:** Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Consult a physician.
- Inhalation:** Move person to fresh air. If breathing becomes difficult or signs of toxicity exist, consult a physician.
- Ingestion:** If swallowed, wash mouth with water. Consult a physician immediately.

### SECTION 5: FIRE-FIGHTING MEASURES

Use water, dry powder or vaporizing liquids to extinguish fire.

### SECTION 6: ACCIDENTAL SPILL / RELEASE MEASURES

- General:** Wear protective equipment specified in section 8 when cleaning spills of this material. Wash hand thoroughly after cleanup of spill.
- Large/Small Spill:** Collect spill with an inert absorbent.
- Waste Disposal:** Place absorbent and cleanup material in a biohazard container and incinerate.

### SECTION 7: HANDLING AND STORAGE

Handle as if capable of transmitting disease. Wash hands with soap and water after handling. Do not eat, drink, smoke, apply cosmetics, or handle contact lenses when working with this material. Minimize splashing, spraying, spattering, and generation of droplets when handling this material. Store at 2-8°C. Use within expiration date.

## **SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

Wear chemical resistant gloves, safety goggles and a laboratory coat. Use only in a designated laboratory area. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke in the laboratory; wash hands after handling. Do not pipette by mouth.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Reagents are either aqueous solutions or lyophilized material, sometimes color-coded by the addition of non-hazardous coloring agents to ease identification. The solid phase consists of a coated polystyrene surface.

## **SECTION 10: STABILITY AND REACTIVITY**

All reagents are stable under recommended storage conditions.

Sodium azide reacts with many heavy metals such as lead, copper, mercury, silver, and gold to form explosive compounds.

## **SECTION 11: TRANSPORT INFORMATION**

Contact Corgenix, Inc. for transportation information.

## **SECTION 12: REGULATORY INFORMATION**

All products are subject to regulation under the Federal Food, Drug and Cosmetics Act and are, therefore, exempt from US Toxic Substances Control Act Inventory Listing requirements.

This product does not contain any component identified as hazardous under 40 CFR 261.24. Waste must be handled in accordance with all applicable regulations.

## **SECTION 13: OTHER INFORMATION**

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