



ARBOR  
ASSAYS

## Safety Data Sheet

Revision Date: 28 February 2025

### Product Name: DetectX<sup>®</sup> Aldosterone Chemiluminescent Immunoassay Kit

#### Section 1: Identification

**Product Name:** DetectX<sup>®</sup> Aldosterone Chemiluminescent Immunoassay Kit  
**Also known as:** Catalog Numbers K052-C1 or K052-C5, Aldosterone CLIA  
**Manufacturer** Arbor Assays  
**/ Supplier** 1143 Highland Dr, Ste A  
Ann Arbor, MI 48108-5001 Telephone 734-677-1774 (U.S.)  
U.S.A.  
**Recommended Use** For Research Use Only

#### Section 2: Hazard(s) Identification

**Classification:** Regulation (EC) No. 1272/2008 [CLP/GHS]  
Eye Irritant, Class 2B

Hazard statements: Causes eye irritation.

Precautionary statements: Wash hands thoroughly after handling.  
Wear protective gloves, clothing, and eye/face protection.

#### Section 3: Information on Ingredients

**Components:** Aldosterone Standard (C182-125UL, C182-625UL)  
Aldosterone CLIA Antibody (C184-3ML, C184-13ML)  
Aldosterone CLIA Conjugate (C185-3ML, C185-13ML)  
Assay Buffer Concentrate (X065-28ML, X065-55ML)  
Wash Buffer Concentrate (X007-30ML, X007-125ML)  
Substrate Solution A (X077-6ML, X077-28ML)  
Substrate Solution B (X078-6ML, X078-28ML)

Components of the kit are non-hazardous or the specific chemical identity and/or exact percentage (concentration) of composition have been withheld as a trade secret.

**Section 4: First-Aid Measures**

Inhalation	If inhaled, remove to fresh air.
Skin Contact	Wash thoroughly with soap and water. If irritation or discomfort develops, seek medical attention.
Eye Contact	Rinse eyes with running water.
Ingestion	If swallowed, wash out mouth with water if person is conscious.

**Section 5: Fire-Fighting Measures**

Extinguishing Media	Suitable: Water spray. Carbon Dioxide, dry chemical powder, or appropriate foam. As appropriate for fire in surrounding materials.
Firefighting	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): N/A

**Section 6: Accidental Release Measures**

Cleanup Procedures	Wear appropriate protective clothing. Contain spill to prevent migration. Absorb on sand or vermiculite, place in sealed container for disposal. Wash area of spill with soap and water.
Waste Disposal	Dispose of in accordance with federal, state, and local regulations.

**Section 7: Handling and Storage**

Handling	Avoid getting components of this kit on you or in you. Always wear appropriate protective clothing. Always wash hands and other exposed areas thoroughly after using this kit. Do not eat or drink while using this kit. Qualified and experienced professionals should only handle this kit.
Storage	Store according to the package insert instructions.

**Section 8: Exposure Controls / Personal Protection**

Engineering Controls	No special engineering controls are required when working with this kit.
Protective Equipment	Safety glasses are recommended to prevent eye contact. Gloves and a lab coat should be worn to prevent skin contact.

**Section 9: Physical and Chemical Properties**

<u>Characteristic</u>	
Appearance	Liquid
Odor	None
Boiling Point	N/A
Melting Point	N/A
Density	N/A
Vapor Pressure	N/A
Solubility in Water	Complete
pH	N/A

**Section 10: Stability and Reactivity**

Stability	This material is stable until the expiration date on the kit if stored as directed.
Hazardous Decomposition Products	N/A
Incompatibilities	N/A

**Section 11: Toxicological Information**Route of Exposure

Skin Contact	N/A
Skin Absorption	May be harmful if absorbed through the skin.
Eye Contact	May cause eye irritation.
Inhalation	May be harmful if inhaled.
Ingestion	Harmful if swallowed.
<u>Symptoms of Exposure</u>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Section 12: Ecological Information**

No data is available.

**Section 13: Disposal Considerations**

Dispose of waste materials, unused components and contaminated packaging in compliance with country, state, district and local regulations. If unsure of the applicable requirements, contact the authorities for information.

**Section 14: Transport Information**U.S. and Canadian Transportation; DOT

Proper Shipping Name	Chemical Kits
UN Identification Number	1789
Class and Description	8, Miscellaneous
Packing Group	N/A
Hazard Label	Class 8

International Air Transportation (IATA)

Proper Shipping Name	Chemical Kits
UN Identification Number	1789
Class and Description	8, Miscellaneous
Packing Group	III
Hazard Label	Class 8

## Section 15: Regulatory Information

### Product related information

The product is not subject to classification according to the sources of literature known to us.

Observe general safety regulations when handling chemicals.

### Safety Statements

Avoid release to the environment.

### Risk Statements

Harmful if swallowed.

### U.S. Regulatory Information

SARA Listed: No materials contained in this product are at or above threshold levels subject to SARA 302 reporting and SARA 313.

## Section 16: Other Information

**Disclaimer:** For Research Use Only. Not for diagnostic, therapeutic, or other uses.

**Further Information:** The information contained in this document is accurate to the best of our knowledge and is provided in good faith. This document is intended only as a guide to the appropriate precautionary handling of the materials contained in this kit by properly trained personnel using this kit. Final determination or suitability of any materials is the sole responsibility of the user. Arbor Assays shall not be held liable for any damage resulting from use or handling of this product.