

# Material Safety Datasheet

Creation Date: 03-10-2020

Revision Date: 18-06-2021

## 1. Product and Company Identification

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Product name	Canine Rabies Antibody ELISA Kit
Product number	KE0011
Company	Ring Biotechnology Co., Ltd Building 3, No.11, Kechuang 14th St, BDA, Beijing 100176 China
Technical Phone #	86-10-56467496
Fax	86-10-56242030
E-mail address	info@ringbio.com

## 2. Hazards Identification

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This product contains no hazardous components as defined in the OSHA Hazard Communication Standard ( 29 CFR 1910.1200 ).

## 3. Composition/Information on Ingredients

This components of the kit is a mixture of chemicals and reagents.

### 3.1 Precoated Microtiter plate, 96wells

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Component name	CAS #	EC No	Annex I Index Number
Recombinant Rabies antigen	/	/	/
Bovine Serum Albumin	9048-46-8	/	/

### 3.2 Positive Control

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Component name	CAS #	EC No	Annex I Index Number
Rabies specific antibody	/	/	/
Bovine Serum Albumin	9048-46-8	/	/
Deionized water	7732-18-5	231-791-2	/
Na <sub>2</sub> HPO <sub>4</sub> 12H <sub>2</sub> O	10039-32-4	/	/
NaH <sub>2</sub> PO <sub>4</sub> 2H <sub>2</sub> O	13472-35-0	/	/
NaCl	7647-14-5	/	/
Proclin 300	55965-84-9	/	/

### 3.3 Negative Control

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Component name	CAS #	EC No	Annex I Index Number
Deionized water	7732-18-5	231-791-2	/
Na <sub>2</sub> HPO <sub>4</sub> 12H <sub>2</sub> O	10039-32-4	/	/
NaH <sub>2</sub> PO <sub>4</sub> 2H <sub>2</sub> O	13472-35-0	/	/
NaCl	7647-14-5	/	/

### 3.4 Sample buffer

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Component name	CAS #	EC No	Annex I Index Number
Deionized water	7732-18-5	231-791-2	/
Na <sub>2</sub> HPO <sub>4</sub> 12H <sub>2</sub> O	10039-32-4	/	/
NaH <sub>2</sub> PO <sub>4</sub> 2H <sub>2</sub> O	13472-35-0	/	/
Tween-20	9005-64-5	500-018-3	/

### 3.5 HRP enzyme conjugate

Component name	CAS #	EC No	Annex I Index Number
Deionized water	7732-18-5	231-791-2	/
Na <sub>2</sub> HPO <sub>4</sub> 12H <sub>2</sub> O	10039-32-4	/	/
NaH <sub>2</sub> PO <sub>4</sub> 2H <sub>2</sub> O	13472-35-0	/	/
NaCl	7647-14-5	/	/
Proclin 300	55965-84-9	/	/
HRP enzyme conjugate	/	/	/

### 3.6 TMB substrate

Component name	CAS #	EC No	Annex I Index Number
TMB	54827-17-7	259-364-6	/
Deionized water	7732-18-5	231-791-2	/

### 3.7 Stop solution (not provided due to transportation restrictions, client shall prepare in own lab.)

### 3.8 20X wash buffer

Component name	CAS #	EC No	Annex I Index Number
Na <sub>2</sub> HPO <sub>4</sub> 12H <sub>2</sub> O	10039-32-4	/	
NaH <sub>2</sub> PO <sub>4</sub> 2H <sub>2</sub> O	13472-35-0	/	
NaCl	7647-14-5	/	
Proclin 300	/	/	
Deionized water	/	/	

## 4. First Aid Measures

This product is intended for laboratory use only; none of the components can be ingested by human or other animals.

**Ingestion** If swallowed, wash out mouth with water, provided person is conscious. Call a physician or poison control.

**Skin Contact** Flush with copious amounts of water and wash with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician, if irritation or discomfort develops.

**Inhalation** Remove to fresh air. If breathing becomes difficult give oxygen. If breathing stops, administer artificial respiration. Call a physician.

**Eye Contact** Flush with copious amounts of water for at least 15 minutes. Check for and remove contact lenses. Assure adequate flushing by separating the eyelids. Call a physician. If medical attention is required, provide product label and/or MSDS.

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## 5. Fire Fighting Measures

None of the components of this product pose a significant risk in case of fire. Firefighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

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## 6. Accidental Release Measures

Ventilate area. Shut off all sources of ignition. Wear appropriate protective gear. Wipe or pick-up materials, place in sealed container, dispose of in accordance with federal, state, and local regulations. Wash spill site thoroughly with soap and water after material pick-up is complete.

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## 7. Handling and Storage

Store at 2-8°C, do not freeze.

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## 8. Exposure Controls / Personal Protection

Refer to Sections 6 and 7.

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## 9. Physical & Chemical Properties

Physical State: Not applicable.

Color: Not applicable.

Odor: None detectable.

pH: Not applicable

Boiling Point: Not applicable.

Melting Point: Not applicable.

Flash Point: Not applicable.

Flammability: Not Flammable.

Auto flammability: Will not occur.

Vapor Pressure: Not applicable.

Relative Density: Not applicable

Water Solubility: Not applicable.

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## 10. Chemical Stability & Reactivity Information

This product is stable until the expiration date indicated on the product label under the specified storage conditions. There are no known reactivity with these components. Refer to the product insert for further information.

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## 11. Toxicological Information

N/A

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## 12. Ecological Information

N/A

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## 13. Disposal Considerations

Disposal of Preparation Left: Dispose according to current regional and national rules.

Contaminated Containers: Dispose of following current regulations.

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## 14. Transportation Information

Road / Railway Haulage ADR/RID: Not restricted.

Sea Freight IMO (IMDG): Not restricted.

Air Freight IATA (ICAO): Not restricted.

UN Number: Not applicable.

## **15. Regulatory Information**

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Symbols of Danger: None.

Please refer to the kit instruction carefully before operation.

## **16. Other Information**

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DISCLAIMER: This product is intended for laboratory inspection use only. Not for drug, household or other uses. The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. Ring Biotechnology Co Ltd shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.