

MATERIAL SAFETY DATA SHEET
Product name:

Hepatitis C virus Ab ELISA Kit

Catalog number:

KA2534

1. Composition/Information on Ingredients

| Component | Size |
|--------------------------------|---------|
| HCV Antigens Plate | 1 plate |
| Conc. HCV Ag•HRPO Conjugate | 1.8 ml |
| Anti-HCV Positive Control | 2.0 ml |
| HC Negative Control | 3.0 ml |
| Conjugate Diluent | 24 ml |
| TMB Substrate Solution A | 12 ml |
| TMB Substrate Solution B | 12 ml |
| Conc. Washing Solution D (20X) | 110 ml |
| 1N Sulfuric Acid | 12 ml |

2. Hazards Identification
Known Hazardous Components

Sodium azide:

Conc. HCV Ag•HRPO Conjugate

Anti-HCV Positive Control

HC Negative Control

Conjugate Diluent

CAS Number

26628-22-8

Percent

0.005 %

0.099 %

0.099 %

0.005 %

Known Hazardous Components

Gentamycin:

Anti-HBe · Peroxidase Solution

HBeAg Positive Control

Anti-HBe Positive Control

HB Negative Control

Neutralizing Solution for Anti-HBe

CAS Number

1403-66-3

Percent

0.003 %

0.003 %

0.003 %

0.003 %

0.003 %

Known Hazardous Components

3, 3', 5, 5'-tetramethylbenzidine:

TMB Substrate Solution A

CAS Number

7722-84-1

Percent

0.03 %

Known Hazardous Components

Hydrogen peroxide:

TMB Substrate Solution B

CAS Number

7722-84-1

Percent

0.03 %

Known Hazardous Components

Tween-20:

Conc. Washing Solution D (20x)

CAS Number

9005-64-5

Percent

1 %

Known Hazardous Components

1N H₂SO₄ (Sulfuric Acid):

1N Sulfuric acid

CAS Number

7664-93-9

Percent

1N

3. First Aid Measures

First aid personnel should ensure self-protection.

| | |
|--------------------------|--|
| General informations: | Because of the low concentrations of the ingredients seeing a doctor is not necessary. |
| In case of skin contact: | Wash affected bodyparts with plenty amount of water. |
| In case of eye contact: | Wash the affected eye with water for 15 minutes. Assure adequate flushing by separating eyelids with fingers. Consult a physician. |
| In case of ingestion: | Immediately wash your mouth with plenty of water. Furthermore swallow water in small amounts (dilution). Seek medical advice. |
| In case of inhalation: | If any component of this kit is inhaled, remove to fresh air. If not breathing, perform CPR and get immediate medical attention. |

4. Fire Fighting Measures

Extinguishing media: Water spray, carbon dioxide, dry chemical power or appropriate foam. Prevent contact with skin and eyes.

5. Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Collect and dispose of all waste in accordance with applicable laws. Spilled material should be carefully wiped up with water and removed.

6. Handling and Storage

The kit must be stored at 2-8°C. Do not freeze.

Strips of the plate should be used within one month after open the original aluminum foil bag. The unused strips should be kept in the aluminum foil bag and tapped the opening tightly.

Return the reagents to 2-8°C immediately after use.

Washing Solution D (20X) Concentrate should be stored at room temperature to avoid crystallization. If the crystal has been precipitated before use, warm up the solution in a 37°C water bath till crystal dissolved.

7. Exposure controls/personal protection

Safety shower and eye bath, mechanical exhaust required. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Avoid inhalation. Avoid contact with eyes, skin and clothing. Store as indicated on product label. Avoid prolonged or repeated exposure.

SPECIAL PROTECTIVE EQUIPMENT: Wear suitable protective clothing, including gloves, safety glasses, dust mask, and a laboratory coat.

SPECIAL PRECAUTIONS: Not for human or drug use. Not for household use.

8. Physical and Chemical Properties

Not available.

9. Stability and Reactivity

Stability and Reactivity: The product is stable.

Conditions to avoid: N/A

Materials to avoid: N/A

Hazardous decomposition products: N/A

10. Toxicological Information

Not available.

11. Ecological information

Not available.

12. Disposal guidelines

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water.

13. Transport information

Disposal must be made in accordance with federal, state and local environmental regulations.

14. Regulatory information

Not available.

15. Other

This material is sold for in vitro use or research purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. Read instructions for use before using the products. Observe the general safety regulations when handling chemicals. Good laboratory practice is the best preventive measure to avoid hazards. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since our corporation can not control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. This information is prepared on our present knowledge. However, Abnova shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.