



According to GB/T 16483 and GB/T 17519

Hepatitis B Virus(HBV)cccDNA Probe qPCR Kit

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Hepatitis B Virus(HBV)cccDNA Probe qPCR Kit

Product Number :BF-79121970

Brand : BIOFARGO

1.2 Details of the supplier of the safety data sheet

Company : BIOFARGO, Inc.
1716 E Parham Rd
Richmond, Va, 23228, USA

Telephone :804-529-2296

Email : contact@biofargo.com

1.3 Emergency telephone

Emergency Phone # : 804-529-2296

1.4 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : For Research and Development (R&D) use only. Not for pharmaceutical, household, or other uses.

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

SECTION 2: Hazards identification

Summary of emergency

Combustible liquid. After inhalation: fresh air. In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. After eye contact: rinse out with plenty of water., Remove contact lenses. After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell. Mixture with combustible ingredients. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapours possible in the event of fire. Violent reactions possible with: The generally known reaction partners of water.

2.1 GHS Classification

Flammable liquids (Category 4), H227

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram none



Material Safety Data Sheet

| | |
|--------------------------|--|
| Signal Word | Warning |
| Hazard Statements | |
| H227 | Combustible liquid. |
| Precautionary Statements | |
| Prevention | |
| P210 | Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. |
| P280 | Wear protective gloves/ eye protection/ face protection. |
| Response | |
| P370 + P378 | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. |
| Storage | |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| Disposal | |
| P501 | Dispose of contents/ container to an approved waste disposal plant. |

Reduced Labeling

| | |
|-------------|---------|
| Pictogram | none |
| Signal Word | Warning |

| | |
|-------------------|---------------------|
| Hazard Statements | |
| H227 | Combustible liquid. |

Precautionary Statements none

2.3 Physical and chemical hazards

| | |
|------|---------------------|
| H227 | Combustible liquid. |
|------|---------------------|

2.4 Health hazards

Based on currently available information no know health hazards.

2.5 Environmental hazards

Based on currently available information no know environmental hazard.

2.6 Other hazards

None



SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on protection against fire and explosion**

Keep away from open flames, hot surfaces, and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

Change contaminated clothing. Wash hands after working with substance.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities**Storage conditions**

Keep container tightly closed in a dry and well-ventilated place.
Tightly closed.

Storage stability

Recommended storage temperature

2 - 8 °C

Storage class

Storage class (TRGS 510): 10: Combustible liquids

SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS



SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information

14.1 UN number

ADR/RID: - IMDG: - IATA-DGR: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA-DGR: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA-DGR: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no

IATA-DGR: no

14.6 Special precautions for user

14.7 Incompatible materials

Further information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : Listed

Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals for : Listed

Import and Export

Other regulations

Please ensure waste treatment complies with local regulations.



SECTION 16: Other information

Kit Component

| Component Name | Description | Size | Vial | Lid Color |
|----------------------------------|--|--------|-------------|-----------|
| 2× One-Step RT-PCR Master Mix | Contains optimized buffer, reverse transcriptase, and Taq polymerase mix | 550 µL | 0.5 mL Vial | Red |
| Primer-Probe Mix | Target-specific primer and probe set | 165 µL | 1.5 mL Vial | Brown |
| Positive Control (1E7 copies/µL) | Non-infectious plasmid-based control | 50 µL | 0.5 mL Vial | Yellow |
| Nuclease-free Water | For reaction setup and kit blank control (no-template control) | 800 µL | 1.5 mL Vial | Blue |
| Manual | Instruction booklet | 1 Set | N/A | N/A |

Further information

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The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture

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information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact contact@biofargo.com



Kit Components:

| 2×Probe qPCR MasterMix | | | | | |
|-------------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| Primer-Probe Powder | | | | | |
|----------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| Positive Control (1E7 copies/μL) | | | | | |
|---|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| Nuclease-free Water | | | | | |
|----------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |