

# SAFETY DATA SHEET

Cat# K1471 Lentivirus qPCR Quantification Kit

SDS DATE: June 25, 2020

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Lentivirus qPCR Quantification Kit

**PRODUCT CODES:** Cat# K1471-100

**RESTRICTIONS ON USE:** For laboratory research purposes. Not for drug or household use.

**MANUFACTURER:** BioVision, Inc.

**DIVISION:**

**ADDRESS:** 155 S. Milpitas Boulevard, Milpitas, CA 95035

**EMERGENCY PHONE:** 858-373-8066

**CHEMTREC PHONE:**

**OTHER CALLS:** 408-493-1800

**FAX PHONE:** 408-493-1801

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## SECTION 2: HAZARDS IDENTIFICATION

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Component	Description	K1471-100 (100 Rxns)	Safety Information
Virus Lysis Buffer	--	800 µl	No hazards
Reagent Mix		1.0 ml	No hazards
STD1 (Lentivirus Standard 1)		300 µl	No hazards
STD2 (Lentivirus Standard 2)		300 µl	No hazards

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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No components need to be disclosed according to the applicable regulations.

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## SECTION 4: FIRST AID MEASURES

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**Inhalation** If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

**Ingestion** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Skin contact** Wash off with soap and plenty of water. Consult a physician.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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## 5: FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters** Wear self contained breathing apparatus for firefighting if necessary.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Environmental precautions

Dilute with plenty of water.

### Methods for Cleaning Up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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## SECTION 7: HANDLING AND STORAGE

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### Precautions for safe handling

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Wear gloves when handling biological fluids.

### Conditions for safe storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Recommended storage temperature: Room Temperature

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Engineering Controls

Safety shower and eye bath. Mechanical exhaust required.

### Personal protection

#### Respiratory

Not required

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- Hand** Plastic or latex gloves.
- Eye** Safety glasses

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Lentivirus qPCR Quantification Kit
<b>Appearance:</b>	Clear
<b>pH:</b>	No data available.
<b>Water Solubility:</b>	No data available.
<b>Other Solubility:</b>	No data available.
<b>Specific Gravity (g/ml):</b>	No data available.
<b>Boiling Point (°C):</b>	No data available.
<b>Melting Point (°C):</b>	No data available.
<b>Flash Point (°C):</b>	No data available.
<b>Ignition Temperature (°C):</b>	No data available.
<b>Density</b>	No data available.

## SECTION 10: STABILITY AND REACTIVITY

Property	Lentivirus qPCR Quantification Kit
<b>Chemical stability</b>	No decomposition if used according to specifications.
<b>Conditions to avoid:</b>	None
<b>Materials to avoid:</b>	None
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Lentivirus qPCR Quantification Kit:

- Acute toxicity:** no data available
- Skin corrosion/irritation:** no data available
- Serious eye damage/eye irritation:** no data available
- Respiratory or skin sensitization:** no data available
- Germ cell mutagenicity:** no data available
- Carcinogenicity:**
  - IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
  - ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
  - NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
  - OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- Reproductive toxicity:** no data available
- Teratogenicity:** no data available
- Specific target organ toxicity – single exposure (GHS):** no data available
- Specific target organ toxicity – repeated exposure (GHS):** no data available
- Aspiration hazard:** no data available
- Potential Health Effects**
  - Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.
  - Skin:** May be harmful if absorbed through skin. May cause skin irritation.
  - Eyes:** May cause eye irritation.
  - Ingestion:** May be harmful if swallowed.
- Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
- Synergistic effects:** no data available
- Additional information:** RTECS: not available

## SECTION 12: ECOLOGICAL INFORMATION

### Lentivirus qPCR Quantification Kit:

- Persistence and degradability:** no data available
- Toxicity:** no data available
- Bioaccumulative potential:** no data available
- Mobility in soil:** no data available
- PBT and vPvB assessment:** no data available
- Other adverse effects:** no data available

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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## SECTION 14: TRANSPORT INFORMATION

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**Lentivirus qPCR Quantification Kit:**

**DOT (US):** Not dangerous goods.

**IMDG:** Not dangerous goods.

**IATA:** Not dangerous goods.

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## SECTION 15: REGULATORY INFORMATION

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**Lentivirus qPCR Quantification Kit:**

**OSHA Hazards:** No known OSHA hazards

**SARA 302 Components:** SARA 302: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** SARA 313: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 313.

**SARA 311/312 Hazards:** No SARA Hazards

**Massachusetts Right To Know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components:** No components are subject to the Pennsylvania Right to Know Act.

**New Jersey Right To Know Components:** No components are subject to the New Jersey Right to Know Act.

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**EU regulations:** This product is not classified according to the EU regulations.

Component	Risk Phrases	Safety Phrases
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## SECTION 16: OTHER INFORMATION

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**DISCLAIMER:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BioVision, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.