

**SAFETY DATA SHEET (SDS)****SECTION 1: IDENTIFICATION OF PRODUCT (MIXTURE) AND SUPPLIER**

<b>Product Name:</b>	<b>PBS for Immunofluorescent Assays</b>
<b>Product Number:</b>	<b>31098</b> (11.34 g/bottle)
<b>Intended Use:</b>	This is a kit replacement, or separately purchased component, identical to those found in the kits, which are to be used exclusively with these Bio-Rad Laboratories kits: <b>Kallestad<sup>®</sup> Crithidia luciliae Substrate</b> (Catalog # 30404 and 31069) <b>Kallestad<sup>®</sup> HEp-2 Cell Line Substrate</b> (Catalog # 30471, 30472 and 32583) <b>Kallestad<sup>®</sup> Mouse and Stomach/Kidney</b> (Catalog # 30443) Refer to the <i>Package Insert</i> for additional product information.
<b>Manufactured by:</b>	<b>Bio-Rad Laboratories, Inc.</b>
<b>Address:</b>	6565 185th Avenue NE Redmond, WA 98052-5039, USA
<b>Website:</b>	<a href="http://www.bio-rad.com">www.bio-rad.com</a>
<b>Phone Number:</b>	1-800-2-BIORAD (1-800-224-6723); or 1-425-881-8300 (daytime PT)
<b>SDS e-mail contact:</b>	<a href="mailto:ro-sds@bio-rad.com">ro-sds@bio-rad.com</a>
<b>Technical Information Contacts:</b>	Bio-Rad provides a toll free line for technical assistance, available 24 hours a day, 7 days a week. In the United States of America and Puerto Rico, call toll free 1-800-2-BIORAD (1-800-224-6723). Outside the U.S.A., please contact your regional Bio-Rad office for assistance. <i>Refer to section 16 for non-US local Bio-Rad agent contact information.</i>
<b>Authorized Representative in the European Community:</b>	<b>FRANCE: Bio-Rad</b> 3 boulevard Raymond Poincaré 92430 Marnes-la-Coquette Phone: +33 (0) 1 47 95 60 00 / Fax: +33 (0) 1 47 41 91 33 <a href="mailto:fds-msds.fr@bio-rad.com">[fds-msds.fr@bio-rad.com]</a>
<b>Emergency Phone Number:</b>	<b>This SDS is listed with CHEMTREC 1-800-424-9300 (US) or 001-703-527-3887 (international – can be called collect).</b> Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT with this product. <i>Refer to section 16 for non-US local Bio-Rad agent contact information.</i>

**SECTION 2: HAZARDS IDENTIFICATION -- HAZARDOUS COMPONENTS**

This test kit should be handled only by qualified personnel trained in laboratory procedures and familiar with their potential hazards. Specific warnings are given in the instructions for use. The absence of a specific warning should not be interpreted as an indication of safety. The following information is furnished for those product hazardous constituents that require regulatory control or disclosure at the concentration found in the product. Refer to Section 16 for the full text of any solely abbreviated or coded hazard statements provided below and for the Key / legend to abbreviations and acronyms.

Component	Content
<b>PBS for Immunofluorescent Assays</b> , 11.34 gm/vial	- Phosphate buffered saline (PBS for Immunofluorescent Assays) prepared with dibasic sodium phosphate, monobasic sodium phosphate, and sodium chloride (dissolved pH 7.3). Not subject to UN GHS, US HCS, EC CLP and analogous global GHS-based regulatory requirements in this product mixture and concentration.

**Markings according to the United Nations (UN) Globally Harmonized System (GHS), United States Hazard Communication Standard (US HCS) and European Community (EC) 2008/1272/EC (EC CLP) guidelines and analogous GHS-based global regulation:** The chemical dilutions in this product is not subject to classification or labeling according to United Nations (UN) GHS guidelines, United States Hazard Communication Standard (US HCS), related European Community (EC) 2008/1272/EC (EC CLP) guidelines and applicable analogous GHS-based global.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

The following information is furnished for those product hazardous constituents that require regulatory control or disclosure regardless of the concentration found in the product. Note that the information here is often based on data from the chemical raw material safety data sheet and literature (LD<sub>50</sub>, exposure limits, etc.). Chemical constituents that do not require regulatory disclosure are not generally included here. This product contains a significantly diluted concentration in an aqueous solution, thus the assessment below has not considered the dilution reduction effect on the hazard. That hazard communication information is provided in Section 2 above. Some components were tested at the concentration found in the kit. In that case, the assessment is provided for the chemical dilution tested and the tested concentration will be provided at the beginning of the *Chemical Ingredient Data/Information* box. The UN GHS, US HCS, EC CLP and analogous GHS-based global regulation classifications were made according to the existing editions and expanded upon from company and literature data. Refer to Section 16 for the full text of any *Comprehensive GHS-based Classification* statements coded below, for the list of sources utilized in the assessment and the Key / legend to abbreviations and acronyms.

**Chemical Ingredient:** This product contains no chemical constituents that require regulatory control or disclosure at the concentration found in the product.

**Related product information:**

- Refer to section 16 for the full text of any *Comprehensive GHS-based Classification* statements, for the list of sources utilized in the assessment and for the Key / legend to abbreviations and acronyms.
- No significant adverse health effects are expected by any route for the following chemical constituents in the kit volumes and concentrations present [chemical or dilution is not subject to GHS EC CLP or other GHS-based hazard labeling]: **Phosphate buffered saline (PBS)** prepared with dibasic sodium phosphate, monobasic sodium phosphate, and sodium chloride (dissolved pH 7.3).
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse.

**SECTION 4: EMERGENCY FIRST AID MEASURES**

Health Effects:	No known significant health hazards.
Eye Contact:	Flush eyes with copious water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with fingers while flushing with water. OBTAIN MEDICAL ATTENTION.
Skin Contact:	Remove contaminated clothing. Flush skin with copious water and wash affected area with soap and water.
Inhalation:	Remove person from exposure area to fresh air. Treat symptomatically and supportively.
If Swallowed:	If ingested, rinse out mouth thoroughly with water, provided the person is conscious. Treat symptomatically and supportively. If vomiting occurs, keep head lower than hips to prevent aspiration. IF exposed or concerned: Call a POISON CENTER or doctor/physician.

**SECTION 5: FIREFIGHTING MEASURES**

Extinguishing Media:	Use extinguishing media appropriate for the surrounding fire.
Hazardous Combustion Products:	Oxides of carbon or nitrogen may form when heated to decomposition.
Special Firefighting Procedures:	Conventional firefighting full protective equipment (with NIOSH-approved self-contained breathing apparatus) and procedures appropriate for the surrounding fire should be sufficient.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- ◆ Avoid direct contact with skin, eyes, mucous membranes and clothing by wearing appropriate lab Personal Protective Equipment (PPE), including gloves, lab coat and eye/face protection.
- ◆ In the event of a hazardous material spill, contain the spill if it is safe to do so, and immediately move to a safe area, free from potential aerosols, to decontaminate and/or safely remove any contaminated clothing, as necessary. **IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Isolate the hazard area and ventilate if appropriate. Ensure that appropriate spill clean-up materials and PPE are available and used.
- ◆ Prevent material from entering sewers, waterways or confined spaces.
- ◆ Follow established laboratory policy and applicable WHO/CDC/NIH biosafety and/or WHO/OSHA hazardous material and/or equivalent guidelines for appropriate hazardous chemical and/or biological material spill response and clean-up. Avoid release to the environment.
- ◆ Wear appropriate PPE. Clean the spill area with water and wipe dry. Spills can also be absorbed with an appropriate inert material (e.g., spill pillows, absorbent pads) which is secured in an appropriate, labeled, sealed container. Material used to absorb the spill may require hazardous material waste disposal. Infectious, Chemical and Laboratory wastes must be handled and discarded in accordance with all local, regional, national and international regulations.
- ◆ Refer to Sections 8 and 13 for more specifics.

**SECTION 7: HANDLING AND STORAGE INFORMATION (7):**

Handling:	<p>This test kit should be handled only by qualified personnel trained in laboratory procedures and familiar with their potential hazards. Follow proper good laboratory practices and safety guidelines for handling chemical, biological and laboratory hazards.</p> <p>Do not smoke, eat, or drink in areas where patient samples and kit reagents are handled. Wash your hands after use. Wear appropriate personal protective equipment (PPE), including gloves, lab coat or equivalent and eye/face protection.</p> <p>Keep containers tightly closed; avoid splashing, spills and the generation of aerosols.</p> <p>Handle all human source specimens, materials and equipment used to perform the operations as though they are capable of transmitting infectious disease, as per <i>Standard and Universal Precautions</i>.</p> <p>All personal protective equipment should be removed before leaving the work area. Refer to Section 8 for more specifics.</p> <p>Avoid release to the environment. Do not allow undiluted product hazardous chemical ingredient or large quantities of it to reach ground water or water course.</p> <p>Consult with your Environmental Health &amp; Safety Office for assistance.</p>
Storage:	Store the kit components as specified on the product label and/or in the product instructions provided with the test kit.
Caution, consult accompanying documents. Read and follow all the Precautions and Warnings in the kit product instructions.	
This is a separately purchased component, identical to those found in the kits, which is to be used exclusively with the Bio-Rad Laboratories kits listed in Section 1.	

**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION MEASURES**

**Control Parameters – Component chemicals with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

*Additional information:* The lists that were valid during the creation were used as basis.

The following personal protective equipment (PPE) is recommended to prevent blood or other potentially infectious or hazardous materials from reaching the user's work or street clothes, skin, mouth, mucous membranes and eyes, or hazard inhalation, under normal conditions of use and for the time during which the protective equipment is utilized:

Ventilation:	Adequate lab ventilation is required.
Eye / Face Protection:	Wear ANSI approved safety glasses, goggles or face shield with safety glasses or goggles. Contact lenses should not be worn when handling lab hazards.
Protective Gloves:	Suitable gloves must be worn at all times when handling kit reagents or patient samples to provide skin protection from splash and intermittent contact. Synthetic gloves, such as Nitrile, Neoprene and Vinyl, are recommended because they are sturdy, effective and contain no natural latex ingredients associated with latex glove allergic reactions. Disposable (single use) gloves should be changed often and never be reused. Wash hands thoroughly after removing gloves.
Protective Clothing:	Wear a lab coat, clinic jacket, gown, apron and/or smock. Disposable clothing is strongly recommended when handling biohazardous material.
Respiratory Protection:	Not Required.
Other:	All personal protective equipment should be removed before leaving the work area and placed in an appropriately designated area or container for storage, processing, decontamination or disposal.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	White to off-white solid.		
<b>Odor/odour:</b>	No applicable information was found.	<b>Odor/odour threshold:</b>	Not Established.
<b>pH:</b>	Neutral, pH between 6 and 8		
<b>Boiling point:</b>	Undetermine.	<b>Melting point:</b>	Undetermine.
<b>Flash point:</b>	Not Applicable. Flammable limits: LEL/LFL is <u>Not applicable</u> ; UEL/UFL is <u>Not applicable</u> .		
<b>Evaporation rate:</b>	No applicable information was found.		
<b>Flammability (solid, gas):</b>	Although the components have not been tested for fire hazard and explosion data, they are not expected to be fire hazards, but some of the kit packaging materials may burn under fire conditions.		
<b>Vapor/vapour pressure:</b>	No applicable information was found.		
<b>Vapor/vapour density:</b>	No applicable information was found.		
<b>Relative density:</b>	Not Applicable.		
<b>Solubility:</b>	Miscible in water.		
<b>Partition coefficient (n-octanol/water):</b>	No applicable information was found.		
<b>Auto igniting:</b>	Product is not known to be self-igniting.		
<b>Decomposition temperature:</b>	No applicable information was found.		
<b>Viscosity:</b>	No applicable information was found.		
<b>Danger of explosion:</b>	Product is not known to present an explosion hazard.		
<b>Molecular mass:</b>	Mixture		
No Other Standard Characteristics applicable to the identification or hazards of the product are known.			

**SECTION 10: STABILITY AND REACTIVITY INFORMATION**

*NOTE:* Chemical reactions that could result in a hazardous situation (e.g. generation of flammable or toxic chemicals, fire or detonation) are listed here. Although not intended to be complete, an overview of important reactions involving common chemicals is provided to assist in the development of safe work practices.

Chemical Stability / Reactivity:	Components are stable with no known inherent significant reactivity
Conditions and Materials to Avoid:	None known when used as intended.
Hazardous Decomposition Products:	Oxides of carbon or nitrogen may form when heated to decomposition.
Hazardous Polymerization:	Has not been reported to occur.

### SECTION 11: TOXICOLOGICAL INFORMATION -- GENERAL COMPOSITE

Refer to Sections 2 and 3 for the kit component concentrations. The composite toxicological information for this product is:

#### Acute Health Effects

Acute Toxicity:	No significant toxic effect known.
Primary Irritant Effect:	Not generally considered an irritant.
Serious Eye Damage / Irritation:	Not generally considered an irritant.
STOT-Single Exposure:	No applicable information was found.
Aspiration Hazard:	No applicable information was found.
Other Acute Health Effects:	No significant other health effect is known.

#### Chronic Toxicity

Respiratory or Skin Sensitization:	No sensitization effect known.
Carcinogenicity:	No carcinogenic effect known. No component, mixture or constituent has been classified as a carcinogen by NTP, IARC or OSHA.
Germ Cell Mutagenicity:	No applicable information was found.
Reproductive hazard:	No reproductive toxic effect known.
STOT-Repeated Exposure:	No applicable information was found.

Additional Toxicological Information: The chemical, physical and toxicological properties have not been thoroughly investigated.

### SECTION 12: ECOLOGICAL INFORMATION

This product was not tested. The following assessment is based on information for the ingredients.

Ecotoxicity:	No information found.
Persistence and degradability:	No information found.
Bioaccumulation potential:	No information found.
Mobility in soil:	No information found.
PBT and vPvB assessment:	No information found.
Other adverse effects:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal of hazardous and/or laboratory wastes, product or packaging must be conducted in accordance with all applicable local, regional, national and international regulations. This section specifies the general and United States RCRA requirements. Processing, use or contamination of the kit components may change waste management requirements and options. Contact your Environmental Health & Safety Office for your specific disposal procedures.

**Recommended Product and/or Packaging Disposal:** Dispose of product and packaging waste in accordance with all applicable local, regional, national and international regulations.

Do not allow undiluted product or large quantities of it to reach ground water or water course.

**SECTION 14: TRANSPORT INFORMATION**

Shipping of product, packaging and waste must be conducted in accordance with all applicable local, regional, national and international regulations. Processing, use or contamination of the kit components may change shipping requirements and options. Contact your Environmental Health & Safety Office for your specific shipping procedures.

**Recommended product Multi-Modal Transportation:** According to US DOT, IATA and UN “Model Regulations”, the product must be transported as follows: No known transport restrictions.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

**SECTION 15: REGULATORY INFORMATION**

**Composite HMIS Rating:** Health: 0 Flammability: 0 Reactivity: 0

**Carcinogenicity Categories:** No component, mixture or constituent has been classified as a carcinogen by NTP (National Toxicity Program), IARC (International Agency for Research on Cancer), TLV-CAR (Threshold Limit Value established by ACGIH), OSHA (Occupational Health and Safety Administration, U.S. Department of Labor) or 2008/1272/EC (EC CLP).

**National Regulations – Other Domestic / Foreign Laws:**

**Hazard communication compliance** – This SDS contains the required information for preparation in accordance with the following GHS-based global regulations:

1. **United States** – Occupational Safety Health Administration *Hazard Communication Standard 29 CFR 1910.1200 (US HCS)*
2. **Taiwan** – Regulation **Lao-An-3-Tzu-No. 0960145703** / Published National Standard **CNS 15030**
3. **Russia** – GOST 31340-2013, GOST 32419-2013, GOST 32423-2013, GOST 32424-2013, GOST 32425-2013, R 50.1.102-2014, R 50.1.101-2014
4. **People’s Republic of China** – National Standard **GB/T 17519-2013, GB 30000-2013**
5. **New Zealand** – *Hazardous Substances and New Organisms Act 1996 (HSNO), Hazardous Substances (Classification) Regulations 2001 and Thresholds and Classifications January 2012* (as published in 2008)  
*Composite HSNO Hazard Class:* Based on available data, the classification criteria are not met.
6. **Mexico** – Standard **NOM-018-STPS-2015, NMX-R-019-SCFI-2011**
7. **Korea** – Public Notice **2016-19, 2013-37 Standard for Classification and Labeling of Chemical Substances and Material Safety Data Sheets**
8. **Japan** – Industrial Safety and Health Law (ISHL) National Standard **JIS Z7252, JIS Z7253**
9. **European Community (EC)** – applicable CLP related regulations (2010/453/EC, 2008/1272/EC, 2006/1907/EC etc.)
10. **Canada** – Hazardous Products Regulations (HPR) / Standard Workplace Hazardous Materials Information System (WHMIS-GHS) Canadian Standard for the hazard classification criteria for this product.  
*Composite WHMIS Hazards:* Based on available data, the classification criteria are not met.
11. **Brazil** – Regulation **NRB 14725:2009**
12. **Australia** – Code of Practice *Preparation of Safety Data Sheets for Hazardous Chemicals* under Section 274 of the Work Health and Safety (WHS) Act.
13. Analogous GHS-based global regulations

**Inventory status**

Country(s) or region Inventory name	In Compliance (yes/no)*
Australia Australian Inventory of Chemical Substances (AICS)	Yes
Canada Domestic Substances List (DSL)	Yes
Canada Non-Domestic Substances List (NDSL)	Yes
China Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe European Inventory of Existing Commercial Chemical Substances (EINECS) or Europe European List of Notified Chemical Substances (ELINCS)	Yes
Japan Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea Existing Chemicals List (ECL)	Yes
New Zealand New Zealand Inventory	Yes
Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory	Yes

\* A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**Regulation (EC) No. 1907/2006 (REACH):**

*Chemicals included in the Candidate List of Substances of Very High Concern (SVHC): none*

**REACH No.:** A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

**United States SARA:**

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

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Proposition 65:** The Product does not contain listed substances.

**SECTION 16: OTHER INFORMATION**

**Hazard statement abbreviation(s): NONE**

This test kit should be handled only by qualified personnel trained in laboratory procedures and familiar with their potential hazards. Specific warnings are given in the instructions for use. The absence of a specific warning should not be interpreted as an indication of safety.

These are kit Replacement, optional or separately purchased component, identical to those found in the kits, which are to be used exclusively with the Bio-Rad Laboratories kits listed in Section 1.

**Chemical safety assessment:** Mixtures covered in this SDS were classified using the US HCS, EC CLP and/or UN *Globally Harmonized System of Classification and Labelling of Chemicals (GHS)* Fifth edition unless otherwise specified.

Sources of key data used to compile the Safety Data Sheet:

- Raw Material Vendor Safety Data Sheets
- United Nations (UN) Globally Harmonized System (GHS)
- United States OSHA Hazard Communication Standard (US HCS) 1910.1200
- Canadian Workplace Hazardous Materials Information System (WHMIS)
- Mexican Standard (NOM-018-STPS-2015, NMX-R-019-SCFI-2011) [regulatory translation and summaries]
- European Commission (EC) Regulations 2008/1272/EC, 2010/453/EC, 2006/1907/EC (EC CLP)
- Australian Code of Practice – Preparation of Safety Data Sheets for Hazardous Chemicals (Section 274 of the *Work Health and Safety Act*)
- New Zealand – Hazardous Substances and New Organisms Act 1996 (HSNO)
- The People’s Republic of China National Standard GB/T 17519-2013, GB 30000-2013 [regulatory translation if available and summaries]
- Taiwan Regulation Lao-An-3-Tzu-No. 0960145703 / Published National Standard CNS 15030 [regulatory translation if available / summaries]
- Korean Public Notice 2016-19, 2013-37 [regulatory translation if available and summaries]
- Japanese Industrial Standard JIS Z7252, JIS Z7253 [regulatory translation if available and summaries]
- Registry of Toxic Effects of Chemical Substances (RTECS)
- Canadian Centre for Occupational Health and Safety (CCOHS) *CHEMINFO* databases, etc.
- International Agency for Research on Cancer (IARC)
- American Conference of Governmental Industrial Hygienists (ACGIH)
- Occupational Safety and Health Administration, U.S. Department of Labor (OSHA)

National Toxicity Program (NTP)  
National Institute for Occupational Safety and Health (NIOSH)  
World Health Organization. *Laboratory Biosafety Manual*  
CDC/NIH *Biosafety in Microbiological and Biomedical Laboratories*  
*Australian Inventory of Chemical Substances (ACIS) Listing*  
*California Proposition 65*

**Key / legend to abbreviations and acronyms used in the safety data sheet:**

ACGIH – American Conference of Governmental Industrial Hygienists  
ACIS – Australian Inventory of Chemical Substances  
ANSI – American National Standards Institute  
CAS – Chemical Abstracts Service  
CCOHS – Canadian Centre for Occupational Health and Safety  
CDC – Centers for Disease Control, USA  
CNS – Central Nervous System  
DGSMA – Dangerous Goods Safety Management Act  
DOT – Department of Transportation, USA  
EC<sub>50</sub> – half maximal effective concentration  
EC CLP – European Commission regulation for the Classification, Labeling and Packaging of chemical substances and mixtures  
EU – European Union  
GHS – Globally Harmonized System  
HNOC – Hazard Not Otherwise Classified  
HSNO – Hazardous Substances and New Organisms Act 1996 (New Zealand)  
IARC – International Agency for Research on Cancer  
IATA – International Air Transport Association  
ICAO - International Civil Aviation Organization  
IDLH – Immediately Dangerous to Life or Health  
IMDG – International Maritime Dangerous Goods  
IPCS – International Programme on Chemical Safety  
ISHA – Industrial Safety and Health Act  
LC<sub>50</sub> – median lethal concentration, 50%  
LD<sub>50</sub> – median lethal dose, 50%  
MSDS – Material Safety Data Sheet  
NIH – National Institute of Health  
NIOSH – National Institute for Occupational Safety and Health  
NTP – National Toxicity Program  
OEL – Occupational Exposure Limit  
PEL – Permissible Exposure Limit  
ppm – parts per million  
RTECS – Registry of Toxic Effects of Chemical Substances  
SDS – Safety Data Sheet  
STEL – Short Term Exposure Limit  
STOT – Specific Target Organ Toxicity  
TCCA – Toxic Chemical Control Act  
TLV/TWA – Threshold Limit Value / Time-Weighted Average  
UN – United Nations  
US EPA – United States Environmental Protection Agency, USA  
US HCS – Hazard Communication Standard, USA  
US OSHA – Occupational Safety and Health Administration, U.S. Department of Labor  
WHMIS – Workplace Hazardous Materials Information System, Canada  
WHO – World Health Organization (United Nations)

*Additional information:* The lists that were valid during the creation were used as basis.

**This Revision:** Reformatted and updated existing information.

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**Bio-Rad Laboratories:**

**Department issuing SDS:** Environmental Health and Safety

**Contact for general SDS information:** Seattle Operations, Environmental Health & Safety, 6565 185th Ave. NE, Redmond, WA 98052, USA, Phone: 425-881-8300 (8 am to 5 pm PT), [ro-sds@bio-rad.com](mailto:ro-sds@bio-rad.com)

**Customer support contact:** Clinical Diagnostics Group, 4000 Alfred Nobel Drive, Hercules, CA 94547, USA  
Phone: 1-800-224-6723, [www.bio-rad.com/diagnostics](http://www.bio-rad.com/diagnostics)

**Contact 24/7/365:** 1-800-424-9300



**Contact Local Bio-Rad Agents for general information:**

- Australia**, Bio-Rad Laboratories Pty. Ltd., Level 5, 446 Victoria Road, Gladesville NSW 2111 • Phone 61-2-9914-2800 • Telefax 61-2-9914-2888 • *24h/365d*: 61-2-9914-2800 • Poison Information Centre: 13 11 26 (24 hours a day, anywhere in Australia); +61 13 11 26
- Austria**, Bio-Rad Laboratories Ges.m.b.H., Hummelgasse 88/3-6, A-1130 Vienna • Phone 43-1-877-8901 • Telefax 43-1-876-5629 • *24h/365d*: 43-1-877-8901 • Poison Information Centre: +43 1 406 43 43
- Belgium**, Bio-Rad S.A.-N.V. Winninglaan 3, BE-9140 Temse • Phone +32 (3)710-53-00 • Telefax +32 (3)710-53-01 • *24h/365d*: 09-385-5511 • Poison Information Centre / Belgisch Antigifcentrum: Brussels: +32 70 245 245; Luxembourg: 070 245 245 / 8002 5500 (every day, 24 to 24 hours)
- Brazil**, Bio-Rad Laboratórios Brasil Ltda, Rua Alfredo Albano da Costa, 100, Lagoa Santa - MG, CEP: 33400-000 • Phone +55 (31)3689-6600 • Telefax +55 (31)3689-6611 • *24h/365d*: (11) 99118 7957 • Centro de Informações Toxicológicas: 0800 643 5252
- Canada**, Bio-Rad Laboratories, Ltd., 2403 Guénette Street, Montréal, Québec H4R 2E9 • Phone 1-514-334-4372 • Telefax 1-514-334-4415 • *24h/365d*: 1-514-334-4372 • Poison Information Centre: Alberta: 1 800 332 1414; British Columbia: 1 800 567 8911; Manitoba: 1 855 776 4766; New Brunswick: 911; Newfoundland: 709 722 110; Northwest Territories: 1 800 332 1414; Nunavut: 867 979 7350 (Iqaluit), 867 983 2531 (Cambridge Bay), 867 645 2816 (Rankin Inlet); Ontario: 1 800 268 9017; Prince Edward Island: 1 800 565 8161; Québec: 1 800 463 5060; Saskatchewan: 1 866 454 1212; Yukon: 867 393 8700
- China**, Bio-Rad Laboratories Shanghai Ltd. 3rd Floor, #18 Dong Fang Road, Bldg E, Poly Plaza, Pudong, Shanghai, PRC 200120 • Phone 86-21-61698500 • Telefax 86-21-61698599 • *24h/365d*: 86-21-63052255 • Emergency Poison Center: +86 10 831 323 45
- Czech Republic**, Bio-Rad spol. s r.o., Nad ostrovem 1119/7, 147 00 Prague 4 • Phone 420-241-430-532 • Telefax 420-241-431-642 • *24h/365d*: 420 224 919 293 • Toxicological Information Centre: Phone: +420 224 919 293, +420 224 915 402
- Denmark**, Bio-Rad Laboratories, Symbion Science Park, Fruebjergvej 3, DK-2100 Copenhagen East • Phone +45-4452-1000 • Telefax +45-4452-1001 • *24h/365d*: +45 4452 1000 • Poison Information Center / Giftlinjen Ring: +45 82 12 12 12
- Finland**, Bio-Rad Laboratories, Linnanherankuja 16, FIN-00950 Helsinki • Phone 358-9-804-22-00 • Telefax 358-9-7597-5010 • *24h/365d*: +358 9 804 2200 • Poison Information Centre: Myrkytystietokeskus: Avoimna 24 t / vrk +358 9 471977
- France**, Bio-Rad, 3 boulevard Raymond Poincaré, 92430 Marnes-la-Coquette • Phone 33-1-47-95-60-00 • Telefax 33-1-47-41-91-33 • *24h/365d*: +33 (0)1 47 95 60 00 • Centres Antipoison et de Toxicovigilance : Angers : 02 41 48 21 21; Bordeaux : 05 56 96 40 80; Lille : 0800 59 59 59; Lyon : 04 72 11 69 11; Marseille : 04 91 75 25 25; Nancy : 03 83 22 50 50; Paris : 01 40 05 48 48; Strasbourg : 03 88 37 37 37; Toulouse : 05 61 77 74 4 (24 heures sur 24 - 7 jours sur 7)
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