

# Safety Data Sheet

Version: A/0  
Effective date: 22 Jan. 2026

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

**Product name:** Telomerase Assay Kit (II)  
**Product code:** 1802950  
**Usage:** This kit follows a telomeric repeat amplification protocol (TRAP) that is designed as a dual fluorescence qPCR system. The dual functional assay has employed an internal reference gene to exclude the possibility of false negatives caused by potential inhibitors in the samples. Meanwhile, TSR8 is selected as a reference material for accurate quantification of telomerase activity in test samples, providing a highly sensitive and accurate quantification for telomerase activity.  
**Reagent:** 2× TRAP qPCR Reaction Buffer, TRAP qPCR Reaction Enzyme, TRAP Primer & Control MIX, TSR8, TRAP qPCR Reaction Replenisher  
**Company:** Biofargo, Inc.  
**Address:** 1716 E Parham Rd Richmond, Va, 23228, USA  
**Telephone:** 804-529-2296  
**Emergency telephone:** 804-529-2296  
**E-mail:** contact@biofargo.com  
**For research use only. Not for use in diagnostic procedures.**

## SECTION 2: Hazards identification

### GHS Classification

Not Hazardous

### GHS Label elements

**Hazard pictograms:** Not Applicable  
**Signal word:** Not Applicable  
**Hazard Statements:** Not Applicable  
**Precautionary Statements:** Not Applicable

**Physical and chemical hazards:** Not Applicable  
**Health hazards:** Not Applicable  
**Environmental hazards:** Not Applicable  
**Other hazards:** Not Applicable

## SECTION 3: Composition/information on ingredients

This product does not contain substances that are hazardous to health at a given concentration. We recommend handling all chemicals carefully please.

## SECTION 4: First aid measures

|                      |                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin contact:</b> | Rinse carefully with water for several minutes. No immediate medical requirements.                                                     |
| <b>Eye contact:</b>  | Rinse carefully with water for several minutes. Remove contact lenses, Continue rinsing.                                               |
| <b>Ingestion:</b>    | Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical.   |
| <b>Inhalation:</b>   | Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary. |

**Notes to Physician:** Treat symptomatically.

#### **Most important symptoms and effects**

Not Applicable

#### **Indication of any immediate medical attention and special treatment needed**

None

### **SECTION 5: Firefighting measures**

|                                                               |                                                                     |
|---------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Suitable extinguishing media:</b>                          | Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical. |
| <b>Advice for firefighters:</b>                               | Standard procedure for chemical fires.                              |
| <b>Special hazards arising from the substance or mixture:</b> | Not known                                                           |

### **SECTION 6: Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment.

#### **Methods and materials for containment and cleaning up**

Take up carefully with liquid-absorbent materials. Dispose of properly.

#### **Environmental precautions**

No special environmental precautions required.

### **SECTION 7: Handling and storage**

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| <b>Handling:</b> | Use personal protective equipment as required.                   |
| <b>Storage:</b>  | Keep in a dry, cool and well-ventilated place. Keep in properly. |

### **SECTION 8: Exposure controls/personal protection**

#### **Control parameters**

|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| <b>Exposure limits:</b>              | Does not contain substances with occupational exposure limit values. |
| <b>Engineering measures:</b>         | Ensure adequate ventilation, especially in confined areas.           |
| <b>Personal protective equipment</b> |                                                                      |
| <b>Respiratory protection:</b>       | Wear respirators under poor ventilation                              |
| <b>Hand protection:</b>              | Wear protective gloves                                               |
| <b>Eye protection:</b>               | Safety glasses                                                       |
| <b>Skin and body protection:</b>     | Wear protective clothing                                             |

### **SECTION 9: Physical and chemical properties**

#### **Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Odour:</b>         | No information available |
| <b>Melting point:</b> | No information available |

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Boiling point:</b>             | No information available |
| <b>Flash point:</b>               | No information available |
| <b>Auto-ignition temperature:</b> | No information available |
| <b>Decomposition temperature:</b> | No information available |
| <b>Evaporation rate:</b>          | No information available |
| <b>Flammability (solid, gas):</b> | No information available |
| <b>Upper explosion limit:</b>     | No information available |
| <b>Lower explosion limit:</b>     | No information available |
| <b>Vapor pressure:</b>            | No information available |
| <b>Relative density:</b>          | No information available |
| <b>Explosive properties:</b>      | No information available |
| <b>Proportion:</b>                | No information available |
| <b>Water solubility:</b>          | No information available |
| <b>Other data:</b>                | No information available |

## SECTION 10: Stability and reactivity

|                                            |                                                            |
|--------------------------------------------|------------------------------------------------------------|
| <b>Stability:</b>                          | Stable under normal conditions                             |
| <b>Possibility of hazardous reactions:</b> | No hazardous reactions have been reported                  |
| <b>Conditions to avoid:</b>                | No information available                                   |
| <b>Incompatible materials:</b>             | No dangerous reaction known under conditions of normal use |
| <b>Hazardous Decomposition:</b>            | No information available                                   |

## SECTION 11: Toxicological information

### Toxicity information

There is no evidence available indicating acute toxicity.

### Principal Routes of Exposure

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>Eyes:</b>                           | No information available |
| <b>Skin:</b>                           | No information available |
| <b>Inhalation:</b>                     | No information available |
| <b>Ingestion:</b>                      | No information available |
| <b>Carcinogenicity:</b>                | No information available |
| <b>Mutagenicity:</b>                   | No information available |
| <b>Teratogenicity:</b>                 | No information available |
| <b>Sensitization:</b>                  | No information available |
| <b>Specific target organ toxicity:</b> | No information available |

## SECTION 12: Ecological information

No substances that are hazardous to the environment or that cannot be degraded.

|                                       |                          |
|---------------------------------------|--------------------------|
| <b>Persistence and degradability:</b> | No information available |
| <b>Bioaccumulative potential:</b>     | No information available |
| <b>Other adverse effects:</b>         | No information available |

## SECTION 13: Disposal considerations

The generation of waste should be avoided or minimized as much as possible. Empty containers may retain some

product residues. The substance and its container must be disposed with approved disposal techniques. The disposal of this product shall comply with all applicable local, regional, or national/federal regulations.

## **SECTION 14: Transport information**

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

|                                    |                |
|------------------------------------|----------------|
| <b>UN number or ID number:</b>     | Not Applicable |
| <b>UN proper shipping name:</b>    | Not Applicable |
| <b>Transport hazard class(es):</b> | Not Applicable |
| <b>Packing group:</b>              | Not Applicable |
| <b>Environmental hazards:</b>      | Not Applicable |

## **SECTION 15: Regulatory information**

Disposal need to meet the local policy.

## **SECTION 16: Other information**

The above information is based on the present stage of survey and research, and the recommendations are based on professional evaluations. It can not be considered that this document contains all information.

All items and mixtures may contain unknown hazards and should be used with caution. Since the method and conditions used are beyond our control, we hereby declare that it will not be liable for any damage or loss caused by product, and do not make any guarantee with the information provided in this safety data sheet, and do not make any guarantees with any particular purpose of the product.

-----THE END OF MSDS-----