

TrueLink™ DNA Library Prep Kit

Canal Biosciences

Prepared in accordance with **Regulation (EC) No. 1907/2006 (REACH)**, Annex II (as amended by **2020/878**) and **Regulation (EC) No. 1272/2008 (CLP)**

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

1.1 Product identifier

Product name: TrueLink™ DNA Library Prep Kit

Product code: TL-0001

UFI: Not applicable (not classified; no consumer use)

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

Use: DNA library preparation for next-generation sequencing

Use advised against: Diagnostic or therapeutic use

1.3 Details of the supplier of the safety data sheet

Canal Biosciences

110 Canal Street

Lowell, MA 01852 USA

Email: info@canalbiosciences.com

Tel: +1 617 417 1366

1.4 Emergency telephone number

CHEMTREC (24-hour): +1-703-741-5970 (international)

+44 20 3514 4878 (Europe)

SECTION 2: Hazards identification

2.1 Classification of the mixture (CLP)

Not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Hazard pictograms: None

Signal word: None

Hazard statements: None

Precautionary statements (recommended):

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/eye protection

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes

2.3 Other hazards

- The mixture does not meet criteria for PBT or vPvB.
- No endocrine-disrupting properties identified at relevant concentrations.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

This product is a multi-component aqueous reagent kit.

Based on available data and concentrations present in the final formulation, **no components are present at levels requiring disclosure or classification as hazardous under CLP.**

Certain components are present at low concentrations and are considered **non-hazardous under normal conditions of use** or are present below applicable reporting thresholds.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact: Rinse with water for several minutes. Remove contact lenses if present.

Skin contact: Wash with soap and water.

Inhalation: Move to fresh air.

Ingestion: Rinse mouth. Seek medical advice if symptoms occur.

4.2 Most important symptoms and effects

May cause mild irritation with prolonged exposure.

4.3 Indication of any immediate medical attention

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Water spray, foam, CO₂, dry powder

5.2 Special hazards

No specific hazards known

5.3 Advice for firefighters

Standard protective equipment

SECTION 6: Accidental release measures

Wear PPE. Absorb with inert material. Clean with water.

Avoid release to environment.

SECTION 7: Handling and storage

Handle using standard laboratory practice.

Store according to product instructions (2–8 °C).

Avoid repeated freeze–thaw cycles.

SECTION 8: Exposure controls/personal protection

Engineering controls: Laboratory ventilation

PPE: Gloves, lab coat, safety glasses

Exposure limits: None established for mixture

SECTION 9: Physical and chemical properties

Appearance: Clear aqueous solution

Odor: None or mild

pH: Neutral to slightly basic

Solubility: Water soluble

SECTION 10: Stability and reactivity

Stable under recommended conditions

Avoid extreme temperatures

No hazardous decomposition products expected

SECTION 11: Toxicological information

Low toxicity expected under normal laboratory conditions.

No classification for acute toxicity, irritation, or sensitization.

SECTION 12: Ecological information

No significant environmental hazard expected at working volumes.

SECTION 13: Disposal considerations

Dispose according to local regulations for laboratory waste.

SECTION 14: Transport information

Not regulated as dangerous goods (ADR/RID/IMDG/IATA).

SECTION 15: Regulatory information

Complies with REACH and CLP requirements.

Not classified as hazardous.

No SVHC substances present above threshold.

SECTION 16: Other information

Version: 1.0

Date: 17 March 2026