

**TrueLink™ DNA Library Prep Kit**

Canal Biosciences

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## **SECTION 1: Identification**

**Product Name:** TrueLink™ DNA Library Prep Kit

**Product Number:** TL-0001

**Recommended Use:** DNA library preparation for next-generation sequencing

**Restrictions on Use:** For Research Use Only (RUO). Not for use in diagnostic procedures.

**Manufacturer:**

Canal Biosciences

110 Canal Street

Lowell, MA 01852

**Emergency Contact:**

(617) 417-1366

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## **SECTION 2: Hazard(s) Identification**

**Classification (OSHA 29 CFR 1910.1200):**

Not classified as hazardous.

**Signal Word:** None

**Hazard Pictograms:** None required

**Hazard Statements:** None required

**Precautionary Statements:**

- Use in accordance with good laboratory practices
- Avoid contact with eyes, skin, and clothing
- Wear appropriate personal protective equipment, including gloves, lab coat, and eye protection

**Hazards Not Otherwise Classified (HNOC):**

None known

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## SECTION 3: Composition / Information on Ingredients

This product is supplied as a multi-component aqueous reagent kit.

Based on the concentrations present in the final formulation, **no components are present at levels requiring disclosure or classification as hazardous under OSHA 29 CFR 1910.1200.**

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

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## SECTION 4: First-Aid Measures

**Eye Contact:**

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

**Skin Contact:**

Wash with soap and water. Remove contaminated clothing.

**Inhalation:**

Move to fresh air.

**Ingestion:**

Rinse mouth. Seek medical attention if symptoms occur.

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## SECTION 5: Fire-Fighting Measures

**Suitable Extinguishing Media:**

Water spray, carbon dioxide (CO<sub>2</sub>), foam, dry chemical.

**Specific Hazards:**

No unusual fire or explosion hazards expected.

**Protective Equipment:**

Standard firefighting protective equipment.

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## SECTION 6: Accidental Release Measures

**Personal Precautions:**

Wear appropriate PPE.

**Methods for Cleanup:**

Absorb with inert material and clean area with water.

**Environmental Precautions:**

Avoid release to drains or waterways where possible.

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## SECTION 7: Handling and Storage

**Handling:**

Handle in accordance with good laboratory practices. Avoid contact with eyes, skin, and clothing.

**Storage:**

Store according to product instructions (2-8°C)

Avoid repeated freeze-thaw cycles unless specified.

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## SECTION 8: Exposure Controls / Personal Protection

**Engineering Controls:**

General laboratory ventilation.

**Personal Protective Equipment:**

- Safety glasses or goggles
- Laboratory coat
- Chemical-resistant gloves

**Exposure Limits:**

No occupational exposure limits established for this product as supplied.

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## SECTION 9: Physical and Chemical Properties

**Appearance:** Clear aqueous solutions

**Physical State:** Liquid

**Odor:** None or mild

**Solubility:** Soluble in water

**pH:** Neutral to slightly basic (component-dependent)

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## SECTION 10: Stability and Reactivity

**Stability:**

Stable under recommended storage conditions.

**Conditions to Avoid:**

Extreme temperatures, repeated freeze-thaw cycles.

**Incompatible Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

None known under normal conditions of use.

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## SECTION 11: Toxicological Information

Based on available information, the product is expected to have **low toxicity under normal laboratory handling conditions**.

Potential effects may include:

- Mild skin or eye irritation with prolonged or repeated exposure

No components are present at concentrations requiring classification for:

- Carcinogenicity
- Mutagenicity
- Reproductive toxicity

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## SECTION 12: Ecological Information

No significant environmental hazards are expected under normal use conditions.

Avoid uncontrolled release to the environment.

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## SECTION 13: Disposal Considerations

Dispose of contents and containers in accordance with local, regional, and national regulations for laboratory chemical waste.

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## SECTION 14: Transport Information

Not regulated as dangerous goods under:

- U.S. DOT
- IATA
- IMDG

Transport under temperature-controlled conditions as required for product stability.

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## SECTION 15: Regulatory Information

This product is intended for **Research Use Only (RUO)**.

Not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

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## SECTION 16: Other Information

**Prepared by:** Canal Biosciences

**Revision Date:** March 17, 2026

**Version:** 1.0

**Disclaimer:**

The information provided in this Safety Data Sheet is believed to be accurate and is provided in good faith for guidance in safe handling, use, processing, storage, transportation, and disposal. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Canal Biosciences shall not be held liable for any damage resulting from handling or from contact with the product.