

SAFETY DATA SHEET

Section 1: Identification

Product Identifier: Dual Luciferase Reporter Assay Kit Mix # MORV0010

Relevant Identified Uses of Substance or Mixture and Uses Advised Against:

Recommended Use: For Research Use Only

Uses Advised against: No information

Company:

Assay Genie

25 Windsor Place

D02VY42

Dublin 2

Ireland

+353 (01) 8879802

For information about this SDS, please contact: techsupport@assaygenie.com

Section 2: Hazard(s) Identification

2.1. Hazard Classification

Signal Word(s):

-

Hazard Statements:

May cause eye and skin irritation.

May cause respiratory and digestive tract irritation.

Pictograms:

-

Precautionary Statements:

-

Description of other hazards:

-

Section 3: Composition/ Information on Ingredients

Items	Components	Concentration	CAS#
5 × Cell Lysis Buffer	Glycerol	≤ 40	56-81-5
	Tris	≤ 15	77-86-1
Reaction Buffer II (Luciferase)	H ₂ O	≤ 55	7732-18-5
	Tris	≤ 40	7732-18-5
Luciferase Substrate (Lyophilized)	Luciferase	≤ 100	9014-00-0
Stop & Reaction Buffer	H ₂ O	≤ 40	7732-18-5
	Glycerol	≤ 40	56-81-5
	Tris	≤ 5	77-86-1
Renilla Substrate	H ₂ O	≤ 50	7732-18-5
	Glycerol	≤ 40	56-81-5

Section 4: First-Aid Measures

4.1. Skin contact

Wash with clean water, immediately.

4.2. Eye contact

Flush eyes with clean water for more than 15 minutes and seek medical attention.

4.3. Inhalation

In case of irritation by inhaling this product, move affected person to fresh air and await recovery. If irritation persists, seek immediate medical attention.

4.5. Swallowing/Ingestion

Induce vomiting. If indisposition continues, seek medical attention.

Section 5: Fire-Fighting Measures

5.1. Suitable extinguishing agents

Water, Carbon Dioxide, Foam, Dry Chemical Powder.

5.2. Special protective equipment for firefighters

Not available.

Section 6: Accidental Release Measures

6.1. Personal precautions

Avoid substance contact.

6.2. Measures for environmental protection

Do not discharge directly into sewers.

6.3. Measures for cleaning/collecting

Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

7.1. Advice Handling

Wear protective equipment and avoid contact with eyes and skin. Handle with ventilation and local exhaust system.

7.2. Storage conditions

Store in the sampling tube. Store at -30 ~ -15°C and transport at ≤0°C.

Section 8: Exposure Controls/Personal Protection

8.1. Engineering Controls

Set up good ventilation and exhaust system in the work area.

8.2. Breathing equipment

No special protective equipment required, If ventilation is poor please wear respirators and components that are suitable for government standard testing and approval.

8.3. Protection of hands/skin

No special protective equipment required. If there is a risk of splashing, please wear safety gloves.

8.4. Eye protection

No special protective equipment required. If there is a risk of splashing, please wear safety gloves.

8.5. Hygiene measures

Operate in accordance with good industrial hygiene and safety practices.

Section 9: Physical and Chemical Properties

9.1. Information about the physical and chemical properties of the product

- **Form:** Colorless liquid
- **Odor:** No data available
- **Odor threshold:** No data available
- **pH:** No data available

- **Melting point/melting range:** No data available
- **Boiling point/boiling range:** No data available
- **Flash point:** No data available
- **Evaporation rate:** No data available
- **Flammability:** No data available
- **Upper/lower flammability or explosive limits:** No data available
- **Auto ignition temperature:** No data available
- **Danger of explosion:** No data available
- **Vapor pressure:** No data available
- **Vapor density:** No data available
- **Relative density:** No data available
- **Solubility in/Miscibility with water:** Soluble in water

Section 10: Stability and Reactivity

10.1. Information about the stability and reactivity

- **Chemical stability:** Stable under recommended storage conditions.
- **Conditions to avoid:** Not available.
- **Materials to avoid:** Strong acids, strong alkalines and strong oxidizers.
- **Hazardous decomposition products:** Not available.

Section 11: Toxicological Information

11.1. Acute toxicity:

- **Skin:** Not available
- **Eye:** Not available
- **Inhalation:** Not available
- **Ingestion:** Not available

11.2. Chronic effects

- **Carcinogenic effects:** Not available
- **Mutagenic effects:** Not available
- **Reproductive toxicity:** Not available
- **Sensitization:** Not available
- **Target organs:** Not available

11.3. Special Effects

May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Section 12: Ecological Information

12.1. Ecotoxicity

Not available.

12.2. Mobility

Not available.

12.3. Biodegradation

Not available.

12.4. Bioaccumulation

Not available.

Section 13: Disposal Considerations

13.1. Waste disposal methods

Dispose of in accordance with all applicable local and national laws and regulations.

13.2 Contaminated packaging

Not available.

Section 14: Transport Information

Follow all of the laws and regulations in your respective. To prevent packages from breaking, handle with care.

Section 15: Regulatory Information

Follow all of the laws and regulations in your country.

Section 16: Other Information

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Last reviewed: 07/2025

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****End Of MSDS****