



Safety Data Sheet

SECTION 1: Identification

1.1 Production Identification

Product Name: SARS-CoV-2 Membrane Protein Proximity Ligation Assay (PLA) Kit (Cy3)

Product Catalog Number: GTX537371-23

Intended Use of the Product: For research and laboratory use only. Not for diagnostic, therapeutic, drug, household or other uses.

1.2 Company Identification

Company : GeneTex International Corporation (Global)
6F-2, No.89, Dongmei Rd., East Dist., Hsinchu City 300 Taiwan, R.O.C.

Telephone : 886-3-6208988

Fax : 886-3-6208989

E-mail : international@genetex.com

Company : GeneTex, Inc. (North America)
2456 Alton Pkwy Irvine, CA 92606 USA

Telephone : 1-877-GeneTex(436-3839) Toll-free, 1-949-553-1900

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SECTION 2: Hazards Identification

Not a dangerous substance or mixture

SECTION 3: Composition/information on ingredients

Kit Components:

| Item | Name | Physical Form | Appearance | Odor | Hazardous Ingredient |
|------|----------------------------|---------------|------------|------|----------------------|
| A1 | Blocking Solution | Liquid | colorless | None | None |
| A2 | Antibody (Ab)-Oligo A | Liquid | colorless | None | None |
| A3 | Antibody (Ab)-Oligo B | Liquid | colorless | None | None |
| A4 | Ligase (400 U/ μ L) | Liquid | colorless | None | None |
| A5 | 5x Ligation Solution | Liquid | colorless | None | None |
| A6 | Polymerase (10 U/ μ L) | Liquid | colorless | None | None |
| A7 | 5x Amplification Solution | Liquid | colorless | None | None |
| A8 | Detection Probe (Cy3) | Liquid | Yellowish | None | None |
| B1 | 10x Probe Solution | Liquid | colorless | None | None |
| B2 | 20x Wash Buffer | Liquid | colorless | None | None |

SECTION 4: First aid measures

General advice

Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove from exposure, lie down. Do not breathe dust/fume/gas/mist/vapors/spray.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact

Wash skin with soap and water.

Inhalation

Remove to fresh air.

Ingestion

Clean mouth with water and drink afterwards plenty of water.

Most important Symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

None

Note to physicians

Treat symptomatically

SECTION 5: Firefighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not ingest. Use suitable protective equipment. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 4°C or -20°C (depending on the items)

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters:

Contains no substances with occupational exposure limit values.

8.2. Personal Protective Equipment (PPE)

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and

contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Eye Protection:

Safety glasses or face shield.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Protection of Hands: Compatible chemical-resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Dispose of gloves after use.

Respiratory Protection: Particulate.

Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust.

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Stability: Stable under normal conditions

Incompatibility: No dangerous reaction known under conditions of normal use

Conditions to Avoid: None identified

Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

SECTION 11: Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms: No information available.

Skin corrosion/irritation: No information available.

Serious eye damage/eye irritation: No information available.

Respiratory or skin sensitization: No information available.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.
STOT - single exposure: No information available.
STOT - repeated exposure: No information available.
Aspiration hazard: No information available.
Other adverse effects: No information available.
Interactive effects: No information available.

SECTION 12: Ecological information

Ecotoxicity

Persistence and degradability: No information available.

Bioaccumulation

Component Information

Other adverse effects: No information available.

SECTION 13: Disposal considerations

Waste Treatment Methods: Dispose in accordance with local regulations.

SECTION 14: Transport information

This substance is considered to be non-hazardous for transport.

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not dangerous goods.

DOT Hazard Class: Not Applicable

UN/NA Number: Not Applicable

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not dangerous goods.

UN Number: Not Applicable

Hazard Class: Not Applicable

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not dangerous goods.

UN Number: Packing Group: Not Applicable

Hazard Class: Not Applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Occupational Safety and Health Act; Regulations on
Occupational Safety and Health Facilities
Waste Disposal Act; Standards for the Storage,
Cleanup, Handling and Disposal of Industrial Waste

SECTION 16: Other information

This SDS was prepared on 2023/02/17, version 1

Disclaimer:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.