

Safety Data Sheet

oncoReveal™ Nexus 21 Gene Panel

Identification

Product Name

oncoReveal™ Nexus 21 Gene Panel Kit,
24 reactions per kit, *PN# HDA-HS-1012-24*

Kit Components:

Nexus 21 Gene Oligo Pool, *PN# HS-111A-24-0001*

Gene-Specific PCR Master Mix, *PN# PB-0016*

Indexing PCR Master Mix, *PN# PB-0018*

GC Rescue G, *PN# PB-0015*

Company Details

Name

Pillar Biosciences, Inc.

Address

9 Strathmore Road
Natick, MA 01760 USA

Telephone:

(800) 514-9307

Emergency Response

In case of emergencies:

CHEMTREC

1-800-424-9300 (U.S. or Canada)

1-703-527-3887 (International)

Recommended use of product

For research use only

For use by trained professionals only

Hazard(s) Identification

GHS classification

The product is a kit consisting of individual ingredients. The classification of individual components can be found in section 3.

Composition/Information on Ingredients

Nexus 21 Gene Oligo Pool, PN# HS-111A-24-0001

GHS classification	Not a hazardous substance or mixture.
Hazardous components	None

Gene-Specific PCR Master Mix, PN# PB-0016

GHS classification	Not a hazardous substance or mixture.
Hazardous components	None

Indexing PCR Master Mix, PN# PB-0018

GHS classification	Not a hazardous substance or mixture.
Hazardous components	None

GC Rescue G, PN# PB-0015

GHS classification	Not a hazardous substance or mixture.
Hazardous components	None

First-Aid Measures

Route of Exposure

Inhalation	Move to fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Skin contact	Remove contaminated clothing. Wash affected area with soap and water
Eye contact	Remove contact lenses. Immediately flush opened eye with water. Wash eyes with plenty of water for at least 15 minutes. Consult a physician.
Swallowed	Keep respiratory tract clear. Rinse mouth with water. Do not induce vomiting. Consult a physician.

General	Consult a physician after significant exposure and/or persistent symptoms.
Note to physician	Treat symptomatically

Fire-Fighting Measures

Suitable extinguishing agents	For small fires use carbon dioxide, dry chemical, water spray, or foam extinguishers. Cool closed containers exposed to fire with water spray. For large fires use extinguishing media suitable for the surrounding environment.
Hazardous combustion products	Carbon oxides, sulphur oxides, nitrogen oxides.
Special protective equipment and precautions for fire-fighters	Wear self-contained breathing apparatus if necessary.

Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures	Use personal protective equipment (PPE). Avoid breathing vapors, mist, or gas. Use in well-ventilated area.
Environmental precautions	Do not allow product to enter drains, sewage, surface, or ground water.
Methods and materials for containment and cleanup	Remove spilled liquids mechanically with inert absorbent material and dispose according to local regulations. Keep in appropriate closed containers for disposal. Report spills to the environment of any spill materials that reach the RQ.

Handling & Storage

Precautions for safe handling

- Use good laboratory practices. Do not eat, drink, or smoke in operation area.
- Avoid formation of aerosols.
- Immediately remove soiled or contaminated clothing.
- Wash hands before and after use.
- Avoid contact with eyes or skin.
- Use in a well-ventilated area and keep containers tightly sealed.

Conditions for safe storage

Store according to individual container labelling and keep container tightly sealed.

Exposure Controls/Personal Protection

Hazardous components

None

Control parameters

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

- **Eye protection:** wear safety glasses with side shields
- **Hand protection:** wear impervious gloves
- **Skin and body protection:** wear lightweight protective clothing
- **Hygiene measures:** handle using good industrial hygiene and safety practices

Physical and Chemical Properties

Hazardous components

None

Stability and Reactivity

Hazardous components	None
----------------------	------

Toxicological Information

Hazardous components	None
----------------------	------

Ecological Information

Hazardous components	None
----------------------	------

Disposal Considerations

Hazardous components	None
----------------------	------

Disposal methods	• Disposal should be in accordance with applicable regional, national, and local laws and regulations • Local regulations may be more stringent than regional or national requirements • Wear chemically compatible gloves and protective clothing. Avoid breathing vapor. Place product in appropriately labeled container for disposal. • Do not allow product to contaminate waterways.
------------------	--

Contaminated packaging

- Empty remaining contents and dispose as if unused product
- Empty containers should be taken to an approved waste handling site for recycling or disposal
- Do no reuse containers

Transport Information

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable, packaged goods

National Regulations

49 CFR

Not regulated as a dangerous good

Regulatory Information

Use general safety regulations when handling chemicals

Inventories

AICS

The hazardous components are listed on the following inventories

DSL

No ingredients listed

ENCS

No ingredients listed

IECSC

No ingredients listed

NZLoC

No ingredients listed

PICCS

No ingredients listed

REACH

No ingredients listed

TSCA

No ingredients listed

No ingredients listed

CERCLA Reportable Quantity

No ingredients listed

SARA

302

No ingredients listed

304 Extremely hazardous

No ingredients listed

Substances reportable quantity

311/312

No ingredients listed

313

No ingredients listed

Clean Air Act

This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 or Class 2 ozone depleters.

Clean Water Act

None of the chemicals in this product are listed as Hazardous Substances, Priority Pollutants, or Toxic Pollutants under the CWA.

Carcinogenic categories

Environmental Protection Agency (EPA)

No ingredients listed

International Agency for Research on Cancer (IARC)

No ingredients listed

National Toxicology Program (NTP)

No ingredients listed

German Maximum Workplace Concentration (MAK)

Not established

National Institute for Occupational Safety and Health (NIOSH)

No PEL established

Occupational Safety and Health Administration (OSHA)

No PEL established

California Proposition 65

Chemicals known to cause cancer

No ingredients listed

Reproductive toxicity in females

No ingredients listed

Reproductive toxicity in males

No ingredients listed

Developmental toxicity

No ingredients listed

U.S. State Regulations

Massachusetts Right to Know

No ingredients listed

New Jersey Right to Know

No ingredients listed

Pennsylvania Right to Know

No ingredients listed

Water Hazard class

Not established

Other Information

The information provided is correct to the best of our knowledge, information, and believe at the date of publication. The information given is designed merely as a guidance for the safe handling, use, processing, storage, transportation, disposal, and release of the specific contents. The information relates only to the specific material designated and may not be valid for material used in combination with any other materials or in any process not explained within the text.

Date of Preparation of SDS 26 February 2024
