

SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

1. IDENTIFICATION

Product Name: Inherit/Reveal Thalassemia Panel Kit,
24 reactions per kit, PN# HDA-TH-1001-24

Kit Components:

- Thalassemia Oligo Pool, PN# TH-131A-24
- Gene Specific PCR Master Mix, PN# MM-9001-24
- Indexing PCR Master Mix, PN# MM-9004-24

Company details

Name: Pillar Biosciences, Inc.
Address: 12 Michigan Drive
Natick, MA 01760 USA
Telephone: +1 508-655-3027

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

2. 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Thalassemia Oligo Pool, PN# TH-131A-24

GHS classification

SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

Not a hazardous substance or mixture.

Hazardous components

None.

Gene Specific PCR Master Mix, PN# MM-9001-24

GHS classification

Not a hazardous substance or mixture.

Hazardous components

None.

Indexing PCR Master Mix, PN# MM-9004-48

GHS classification

Not a hazardous substance or mixture.

Hazardous components

None.

4. 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.

SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

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

6. 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 clean up:	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.

SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

Hazardous components

None.

11. TOXICOLOGICAL INFORMATION

Hazardous components

None.

12. ECOLOGICAL INFORMATION

Hazardous components

None.

13. 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 not reuse containers

14. TRANSPORT INFORMATION

International Regulation

SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

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
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15. REGULATORY INFORMATION

Use general safety regulations when handling chemicals.

Inventories:	The hazardous components are listed on the following inventories
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AICS:	No ingredients listed
DSL:	No ingredients listed
ENCS:	No ingredients listed
IECSC:	No ingredients listed
KECL:	No ingredients listed
NZIoC:	No ingredients listed
PICCS:	No ingredients listed
REACH:	No ingredients listed
TSCA:	No ingredients listed

CERCLA Reportable Quantity:	No ingredients listed
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SARA

302:	No ingredients listed
304 Extremely hazardous substances reportable quantity:	No ingredients listed
311/312:	No ingredients listed
313:	No ingredients listed

Clean Air Act:	This material does not contain any hazardous air pollutants. This material
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SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

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

Carcinogenetic categories:

Environmental Protection Agency (EPA):	No ingredients listed
International Agency for Research on Cancer (IARC):	No ingredients listed
National Toxicology Program (NTP): Threshold Limit Value established by ACGIH:	No ingredients listed Not established
German Maximum Workplace Concentration (MAK):	No ingredients listed
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

16. OTHER INFORMATION

SAFETY DATA SHEET

Inherit/Reveal™ Thalassemia Panel

The information provided is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed merely as 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: 17 March 2020