

SAFETY DATA SHEET

GA-map® Dysbiosis Test Lx v2



The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 26.05.2021

1.1. Product identifier

Product name GA-map® Dysbiosis Test Lx v2

Article no. 2156

1.2. Relevant identified uses of the substance or mixture and uses advised against

Function Description: The product is CE-marked. For Research Use Only in the US – not for use in diagnostic procedures.

Description: Laboratory reagents intended to be used for fecal gut microbiota DNA analysis.

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name Genetic Analysis AS

Postal address Postboks 243 Økern

Postcode 0510

City Oslo

Country Norge

Email support@genetic-analysis.com

Enterprise No. 993 373 575

1.4. Emergency telephone number**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

CLP classification, comments Not Classified

2.2. Label elements

2.3. Other hazards

Environmental effects	Not Classified as PBT/vPvB by current EU criteria. The hazardous properties of the product in the environment are considered to be limited.
Other hazards	The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description of the mixture	The kit consists of Box A (part no. 2157) and Box B (part no. 2158). The kit contains 20 reagent tubes and 2 buffer flasks. The classification is made for each individual reagent/buffer. The reagent tubes contain between 20-2000 µl reagent, while the buffer flasks contain between 8000-12000 µl buffer.
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SECTION 4: First aid measures

4.1. Description of first aid measures

General	Contact physician if discomfort continues.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Gently wash with plenty of soap and water. Get medical attention if any discomfort continues.
Eye contact	Immediately rinse with water. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth with water. Contact physician if larger quantity has been consumed.

4.2. Most important symptoms and effects, both acute and delayed

General symptoms and effects	Data lacking.
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4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	Data lacking.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Vapours/gases/fumes of: Nitrous gases (NO _x). Carbon dioxide (CO ₂). Carbon monoxide (CO). Sulphurous gases (SO _x).
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5.3. Advice for firefighters

Personal protective equipment Wear respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures Ventilate well. In case of inadequate ventilation use suitable respirator. For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautionary measures Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Clean up Absorb spillage with suitable absorbent material.

6.4. Reference to other sections

Other instructions For disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Observe good chemical hygiene practices. Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage Keep cool.

Conditions for safe storage

Storage temperature Value: 20 °C
Comments: Buffers

Value: -20 °C
Comments: Box A

Value: -20 °C
Comments: Box B

Method: Storage temperatures are indicated on box/flask label.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters comments Contains no substances with occupational exposure limits.

8.2. Exposure controls

Eye / face protection

Suitable eye protection Use face shield in case of splash risk.

Hand protection

Hand protection equipment Description: Protective gloves are recommended.

Skin protection

Suitable protective clothing Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection, general No recommendation given.

Hygiene / environmental

Personal protection equipment, comments No recommendation given.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid. The content of "GA-map® End-labeling polymerase", "GA-map® PCR polymerase", "GA-map® ExoI" & "GA-map® rSAP" is viscous. Tube "GA-map® Intestinal Microbiota bead set" has visible particles.
Colour	Colourless. The content of "GA-map® SAPE" is pink in colour.
Odour	Data lacking.
pH	Status: In delivery state Comments: Data lacking.
Melting point / melting range	Comments: Data lacking.
Boiling point / boiling range	Comments: Data lacking.
Flash point	Comments: Data lacking.
Flammability	Data lacking.
Explosion limit	Comments: Data lacking.
Vapour pressure	Comments: Data lacking.
Vapour density	Comments: Data lacking.
Relative density	Comments: Data lacking.
Solubility	Comments: Soluble in water.
Partition coefficient: n-octanol/ water	Comments: Data lacking.
Auto-ignition temperature	Comments: Data lacking.

Decomposition temperature	Comments: Data lacking.
Viscosity	Comments: Data lacking.
Oxidising properties	Data lacking.

9.2. Other information

9.2.2. Other safety characteristics

Comments	Not relevant.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	None.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Data lacking.
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10.4. Conditions to avoid

Conditions to avoid	Data lacking.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising substances. Strong reducing agents. Strong alkalis.
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10.6. Hazardous decomposition products

Hazardous decomposition products	In the event of fire: see section 5
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other toxicological data	Data lacking.
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Other information regarding health hazards

Inhalation	Data lacking.
Skin contact	Data lacking. May cause an allergic skin reaction.
Eye contact	May cause temporary eye irritation.
Ingestion	Data lacking.
Mutagenicity	Based on available data the classification criteria are not met.
Carcinogenicity, other information	This substance has no evidence of carcinogenic properties.

Reproductive toxicity No known chronic or acute health risks.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Data lacking.

12.2. Persistence and degradability

Persistence and degradability description/evaluation Data lacking.

12.3. Bioaccumulative potential

Bioaccumulation, comments Data lacking.

12.4. Mobility in soil

Mobility Data lacking.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not Classified as PBT/vPvB by current EU criteria.

12.6. Endocrine disrupting properties

12.7. Other adverse effects

Additional ecological information No data recorded.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

14.1. UN number

Comments Not relevant.

14.2. UN proper shipping name

Comments Not relevant.

14.3. Transport hazard class(es)

Comments Not relevant.

14.4. Packing group

Comments Not relevant.

14.5. Environmental hazards

Comments Not relevant.

14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Maritime transport in bulk according to IMO instruments**ICAO/IATA Other information**

Other transport, general The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Legislation and regulations This Safety Data Sheet complies with Regulation (EC) No 1907/2006 (REACH). Annex II

15.2. Chemical safety assessment**SECTION 16: Other information**

Supplier's notes The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Key literature references and sources for data ECHA Classification & Labelling Inventory.
ESIS European chemical Substances Information System.
MSDS from suppliers of substances and other reagents.

Version 1

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