



Tapestri® Single-Cell DNA v3

Reagent Kits Safety Data Sheets
Tapestri Single-Cell DNA Panels

MB03-0035 MB03-0036 MB03-0056 MB03-0057 MB03-0058
MB03-0070 MB03-0071 MB03-0072 MB03-0074 MB03-0080
MB03-0039 MB03-0040 MB03-0041 MB03-0042 MB03-0043
MB03-0061 MB03-0062 MB03-0063 MB03-0064 MB03-0065
MB03-0066 MB03-0101 MB03-0118 MB03-0119 MB03-0126

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Contact.

Mission Bio, Inc.
400 East Jamie Ct Suite
100 South San Francisco,
CA 94080 USA
www.missionbio.com

Email: support@missionbio.com

Materials

Tapestri Single-Cell DNA v3 Catalog Oligo Kits

Component Name	Part Number	Tubes/Order
Tapestri Single-Cell DNA Acute Myeloid Leukemia (AML) Oligo Pool	MB03-0035	2
Tapestri Single-Cell DNA Myeloid Oligo Pool	MB03-0036	2
Tapestri Single-Cell DNA Acute Lymphoblastic Leukemia (ALL) Oligo Pool	MB03-0056	2
Tapestri Single-Cell DNA Myelodysplastic Syndrome (MDS) Oligo Pool	MB03-0057	2
Tapestri Single-Cell DNA Myeloid Clonal Evolution Oligo Pool	MB03-0058	2
Tapestri Single-Cell DNA Breast Cancer Research Panel (Quantity for 2 Tapestri Core Kits, 16 samples)	MB03-0070	2
Tapestri Single-Cell DNA Breast Cancer Research Panel (Quantity for 1 Tapestri Core Kits, 8 samples)	MB03-0071	2
Tapestri Single-Cell DNA Myeloid Published Panel	MB03-0072	2
Tapestri Single-Cell DNA Glioma Research Panel	MB03-0074	2
Tapestri scMRD AML DNA Panel	MB03-0101	2
Tapestri Single-Cell DNA Chronic Lymphocytic Leukemia (CLL) Published Panel	MB03-0080	2
Tapestri® Single-Cell DNA Multiple Myeloma Panel	MB03-0118	2
Tapestri® Single-Cell DNA Genome-Wide CNV Panel	MB03-0119	2
Tapestri scMRD AML DNA Panel v2	MB03-0126	2

Tapestri Single-Cell DNA v3 Custom Oligo Kits

Component Name	Part Number	Tubes/Order
Tapestri Single-Cell DNA Custom Oligo Pool, up to 100 Amplicons (Quantity for 4 Tapestri Core Kits)	MB03-0039	2
Tapestri Single-Cell DNA Custom Oligo Pool, up to 200 Amplicons (Quantity for 4 Tapestri Core Kits)	MB03-0040	2
Tapestri Single-Cell DNA Custom Oligo Pool, up to 300 Amplicons (Quantity for 4 Tapestri Core Kits)	MB03-0041	2
Tapestri Single-Cell DNA Custom Oligo Pool, up to 400 Amplicons (Quantity for 4 Tapestri Core Kits)	MB03-0042	2
Tapestri Single-Cell DNA Custom Oligo Pool, up to 500 Amplicons (Quantity for 4 Tapestri Core Kits)	MB03-0043	2
Tapestri Single-Cell DNA Custom 500-600 Amplicons Oligo Pool (Quantity for 4 Tapestri Core Kits, 32 samples)	MB03-0061	2
Tapestri Single-Cell DNA Custom 600-700 Amplicons Oligo Pool (Quantity for 4 Tapestri Core Kits, 32 samples)	MB03-0062	2
Tapestri Single-Cell DNA Custom 700-800 Amplicons Oligo Pool (Quantity for 4 Tapestri Core Kits, 32 samples)	MB03-0063	2
Tapestri Single-Cell DNA Custom 800-900 Amplicons Oligo Pool (Quantity for 4 Tapestri Core Kits, 32 samples)	MB03-0064	2

Tapestri Single-Cell DNA Custom 900-1000 Amplicons Oligo Pool (Quantity for 4 Tapestri Core Kits, 32 samples)	MB03-0065	2
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1. Identification	
Product identifier	DNA Panels
Other means of identification	
Product code	MB03-0035 MB03-0036 MB03-0056 MB03-0057 MB03-0058 MB03-0070 MB03-0071 MB03-0072 MB03-0074 MB03-0080 MB03-0039 MB03-0040 MB03-0041 MB03-0042 MB03-0043 MB03-0061 MB03-0062 MB03-0063 MB03-0064 MB03-0065 MB03-0066 MB03-0101 MB03-0118 MB03-0119 MB03-0126
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
	Mission Bio 400 East Jamie Ct Suite 100 South San Francisco, CA 94080 USA
Telephone number	+1 415-854-0058
E-mail	support@missionbio.com
Website	www.missionbio.com
Emergency telephone number	For Chemical Emergency, call: +1 415-854-0058

2. Hazard(s) identification	
Physical hazards	Not classified.
Health hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients			
Mixtures	CAS #	Percent	Hazardous Classification
Oligodeoxyribonucleic acid, unmodified	N/A	100%	NON-HAZARDOUS

4. First-aid measures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing. Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

5. Fire-fighting measures	
Suitable extinguishing media	Dry chemical, foam, carbon dioxide or water. Care should be taken as to not aerosolize the powder, where it could become an inhalation risk.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	<p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p>
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage	
Precautions for safe handling	Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection	
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	Wear suitable protective clothing.
Hand protection	Wear appropriate chemical resistant gloves.
Skin protection Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	None known.
Incompatible materials	Not available.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information	
Information on likely routes of exposure	
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.
Information on toxicological effects	
Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not classifiable as to carcinogenicity to humans.
IARC Monographs. Overall Evaluation of Carcinogenicity	Not listed.
NTP Report on Carcinogens	Not listed.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)	Not listed.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.

12. Ecological information	
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this material.

13. Disposal considerations	
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information	
DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

15. Regulatory information	
US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)	Not listed.
Toxic Substances Control Act (TSCA)	

	All components of the mixture on the TSCA 8(b) inventory are designated "active".
Superfund Amendments and Reauthorization Act of 1986	
(SARA) SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	No
SARA 313 (TRI reporting)	Not regulated.
Other federal regulations	
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	
	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	
	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.
US state regulations	
US. Massachusetts RTK - Substance	
	Not regulated.
US. New Jersey Worker and Community Right-to-Know Act	
	Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law	
	Not listed.
US. Rhode Island RTK	
	Not regulated.
California Proposition 65	
	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov .

16. Other information, including date of preparation or last revision	
Issue date	17-Oct-2024
Revision date	17-Oct-2024
Version #	03
HMIS® ratings	Health: 0 Flammability: 0 Physical hazard: 0
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