

# Tapestri<sup>®</sup> DNA + CpG Methylation Equipment/Reagent Checklist

## Equipment/Reagents Purchased from Mission Bio

Item	Shipping Temperature	Storage Temperature
Tapestri Instrument	Ambient	Ambient
Self-install DNA Cartridge + Gasket	Ambient	Ambient
USB Drive	Ambient	Ambient
Base Plate	Ambient	Ambient
Tapestri Single-Cell DNA Cartridge Kit v3	Ambient	Ambient
Tapestri Single-Cell DNA 2-Rxn +4 °C Kit v3	Ambient	+4 °C
Tapestri Single-Cell DNA 2-Rxn -20 °C Kit v3	-20 °C	-20 °C
Tapestri Single-Cell DNA 2-Rxn Bead Kit v3	-20 °C	-20 °C
Tapestri Single-Cell DNA Myeloid Panel	Ambient	-20 °C

## Equipment Provided by Customer

- P-10, P-200, P-1000 single-channel pipettes
- Pipette-aid for serological pipettes
- Thermal cycler programmable with temperature ramp rates from 1 °C/s to 4 °C/s
- Vortexer
- Heat block holding 1.5 mL Eppendorf tubes
- Benchtop centrifuge (temperature controlled, with swinging buckets), mini centrifuge
- 1.5 mL magnetic separation rack (New England Biolabs, S1506S or equivalent)
- 0.2 mL 8-strip PCR tube magnetic rack (Thermo Fisher 492025 or equivalent)
- Countess<sup>®</sup> 3 FL Automated Cell Counter (Thermo Fisher AMQAF2001 or equivalent), Light Cubes (AMEP4955 and AMEP4950), and slides
- \*Qubit Fluorometer (Thermo Fisher, Q33238)
- Agilent Bioanalyzer or TapeStation (or equivalent)

\*Do not substitute.

## Reagents/Consumables Provided by Customer

**IMPORTANT** Please ensure that all listed reagents are ready to use and not expired.

- \*Emulsion-safe PCR tubes (one of the following):
  - 0.2 mL Axygen MAXYmum Recovery PCR Tubes (Axygen, PCR-02-L-C or PCR-02D-L-C)
  - 0.2 mL TempAssure PCR Flex-Free 8-Tube Strips (USA Scient., 1402-4700, color: natural)
  - 0.2 mL 8-Strip Non-Flex PCR Tubes (Starlab, I1402-3700, color: natural, for Europe)
- 200 µL gel tips (Axygen, TGL200RD57R or equivalent)
- Nuclease-free microcentrifuge tubes (1.5 mL, 0.2 mL), 8-strip 0.2 mL tubes
- DNase-free filter pipette tips (P-10, P-200, P-1000)

- Wide bore pipette tips (P-200, P-1000)
- Serological pipettes (5 mL and 10 mL)
- 15 mL DNA conical tubes (Eppendorf, low-bind [30122208] or regular-bind [30122151])
- 1.5 mL DNA low-bind tubes (Eppendorf, 0030108035)
- Ethanol, molecular biology grade (Sigma, E7023 or equivalent)
- DPBS w/o  $\text{Ca}^{2+}$ / $\text{Mg}^{2+}$  (1X)
- Nuclease-free water
- Propidium iodide (Thermo Fisher, P3566)
- \*AMPure XP Reagent (Beckman Coulter, A63880)
- Agilent High Sensitivity DNA Kit for BioAnalyzer or TapeStation (or equivalent)
- \*Qubit<sup>®</sup> dsDNA HS Assay Kit + Tubes (ThermoFisher Scientific, Q32851)
- [OPTIONAL] Flowmi<sup>™</sup> Cell Strainers for 1000  $\mu\text{L}$  pipette tips, 40  $\mu\text{m}$  (Fisher Scientific, 14-100-150)
- [OPTIONAL] Trypan blue (Thermo Fisher, 15250061 or equivalent)

## CpG Methylation specific reagents Provided by Customer

- \*\*HhaI restriction enzyme (150,000 U/mL, NEB, R0139B-HCl)

\*Do not substitute.

\*\*Contact your NEB sales representative to special order this ultra concentrated enzyme.

*Note that part numbers for third-party vendors may change. If you have any questions, please contact [support@missionbio.com](mailto:support@missionbio.com).*