



**HBL-52 | 300188**

**Cell Line**

**Culture Medium** McCoy's 5a, w: 3.0 g/L  $\beta$ -glucanase, w: 100 mg/ml penicillin, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.2 g/L NaHCO<sub>3</sub> (Cytion 820200a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Cells are cultured in McCoy's 5a medium supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in PBS. Cells are seeded into T25 flasks in 3 ml of McCoy's 5a medium supplemented with 10% FBS.

**Seeding density**  $5 \times 10^3$  cells per flask

**Fluid renewal** 2-3 times per week

**Post-Thaw Recovery** Cells are cultured in McCoy's 5a medium supplemented with 10% FBS for 24-48 hours.

**Freeze medium** McCoy's 5a medium supplemented with 50% FBS + 40% FBS + 10% DMSO, CM-1 (Cytion 800100)

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a water bath at 37°C. Transfer cells to a pre-warmed medium.
  2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in 1 ml of McCoy's 5a medium supplemented with 10% FBS.
  3. Seed cells into T25 flasks in 3 ml of McCoy's 5a medium supplemented with 10% FBS.
  4. Allow cells to attach to the flask. Change medium to McCoy's 5a medium supplemented with 10% FBS after 24 hours.
  5. Once cells are established, they can be passaged into new flasks.
  6. For long-term storage, cells can be cryopreserved in McCoy's 5a medium supplemented with 50% FBS + 40% FBS + 10% DMSO.
  7. Thaw cells rapidly in a water bath at 37°C. Transfer cells to a pre-warmed medium.
  8. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in 1 ml of McCoy's 5a medium supplemented with 10% FBS.

Product sheet

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>,

**Flask Coating**

**Freezing Procedure**  -78°C

**Shipping Conditions**  -78°C

**Storage Conditions**  -150 to 196

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**Sterility**  PCR   
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