



CAL 27 | 305029

**Tumorigenic**     

**Culture Medium**      DMEM 4.5 g/l, Glucose 4.5 g/l, NaHCO3 1.0 g/l, Penicillin 100 U/ml, Streptomycin 100 U/ml, Fungizone 0.05 mg/ml (820)

**Supplements**      10% FBS

**Dissociation Reagent**      Trypsin

**Subculturing**      Cells are cultured in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in PBS.

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

**Freeze medium**      DMEM supplemented with 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Centrifuge cells at 300 x g for 3 minutes.
  3. Wash cells with PBS.
  4. Resuspend cells in DMEM supplemented with 10% FBS.
  5. Seed cells into a 25 cm<sup>2</sup> flask.
  6. Incubate cells at 37°C in 5% CO<sub>2</sub>.
  7. Monitor cell growth and confluency.
  8. Harvest cells when they reach 70-80% confluency.

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

**Flask Coating**      Not required

