



Product sheet

NCI-H524 | 305120

**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 mM/1000 NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** FBS 10%

**Doubling time**

**Subculturing** 5-6  $\times$  10<sup>5</sup>

**Split ratio** 1:10<sup>5</sup> - 1:10<sup>6</sup>

**Fluid renewal** 2-3

**Freeze medium** (FBS) + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells rapidly in a 37°C water bath.
2. Add 100  $\mu$ l cryovial into 10 ml of pre-warmed medium.
3. Incubate cells at 37°C for 24 hours.
4. Seed cells into a 70% confluent flask.
5. Add 15 ml of medium.
6. Seed 300 x g cells into 3 ml of medium.
7. Incubate cells at 37°C for 10 days.
8. Harvest cells.

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

**Flask Coating**

**Freezing Procedure**

