

Product sheet

OV5 | 305616

Mutational profile KRAS p.Gly12Val (c.35G>T)

Characteristics

Culture Medium RPMI 1640 2.0 mM L-glutamine 2.0 mM NaHCO₃ (820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 27 hours

Split ratio 1:5

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640 2.0 mM L-glutamine 2.0 mM NaHCO₃ (820700a) + 10% DMSO + 10% FBS

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Add 10 ml of complete medium to the tube.
3. Centrifuge at 300 x g for 3 minutes.
4. Resuspend cells in 1 ml of complete medium.
5. Seed cells into a 24-well plate (8 wells).
6. Seed cells into a 96-well plate (30 wells).
7. Incubate cells in a humidified CO₂ incubator at 37°C.
8. Monitor cell growth and morphology.

