

MDA-MB-231 MH-S | 300487

Viruses Adenovirus 24 (SV40)

Cell Line

Culture Medium RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed into 15 ml flasks with PBS (3-5 ml per flask)

Freeze medium RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a), 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath, then transfer to a 15 ml flask containing 10 ml of pre-warmed complete medium.
2. Allow cells to settle at the bottom of the flask, then add 10 ml of fresh complete medium.
3. Incubate cells in a 37°C incubator with 5% CO_2 for 24 hours.
4. Remove the medium and replace with fresh complete medium (70% replacement).
5. Seed cells into a 15 ml flask with 8 ml of complete medium.
6. Centrifuge cells at 300 x g for 3 minutes, then resuspend in 8 ml of complete medium.
7. Seed cells into a 10 ml flask with 10 ml of complete medium.
8. Incubate cells in a 37°C incubator with 5% CO_2 until cells reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

Flask Coating Cell culture medium

