

HEK293T-MHCC-97H | 305442

Viruses **Adenovirus**: Adenovirus B (HBV)

Mutational profile **BRD7**, p.Glu277Glyfs*18 (c.830_831delAG); **KEAP1**, p.Pro445Glnfs*13 (c.1334delC); **TP53**, p.Glu51Ter (c.151G>T)

HEK293T

Culture Medium DMEM, w: 4.5 g/L **Glucose**, w: 4 mM L-**Glutamine**, w: 3.7 g/L NaHCO₃, w: 1.0 mM **β-mercaptoethanol** (**β-mercaptoethanol** Cytion 820300a)

Supplements **Fetal Bovine Serum** 10% FBS

Dissociation Reagent **Trypsin**

Subculturing **Cells** are cultured in **DMEM** supplemented with **10% FBS** and **1.0 mM β-mercaptoethanol**. **Cells** are passaged using **Trypsin** (Cytion 820300a) for 5-10 min at 37°C. **Cells** are then resuspended in **DMEM** supplemented with **10% FBS** and **1.0 mM β-mercaptoethanol**.

Seeding density 1.5 x 10⁴ cells/cm²

Freeze medium **DMEM** supplemented with **10% FBS** and **10% DMSO** (**DMEM** FBS) + 10% DMSO **DMEM** supplemented with **10% FBS** and **10% DMSO**, **DMEM**

Thawing and Culturing Cells

1. **Cells** are thawed in a 37°C water bath and immediately added to a pre-warmed **DMEM** supplemented with **10% FBS** and **1.0 mM β-mercaptoethanol**.
2. **Cells** are seeded into a **24-well plate** at a density of 1.5 x 10⁴ cells/cm² and incubated at 37°C in 5% CO₂.
3. **Cells** are passaged when they reach 70-80% confluency. **Cells** are trypsinized and resuspended in **DMEM** supplemented with **10% FBS** and **1.0 mM β-mercaptoethanol**.
4. **Cells** are seeded into a **24-well plate** at a density of 1.5 x 10⁴ cells/cm² and incubated at 37°C in 5% CO₂.
5. **Cells** are passaged when they reach 70-80% confluency. **Cells** are trypsinized and resuspended in **DMEM** supplemented with **10% FBS** and **1.0 mM β-mercaptoethanol**.
6. **Cells** are seeded into a **24-well plate** at a density of 1.5 x 10⁴ cells/cm² and incubated at 37°C in 5% CO₂.
7. **Cells** are passaged when they reach 70-80% confluency. **Cells** are trypsinized and resuspended in **DMEM** supplemented with **10% FBS** and **1.0 mM β-mercaptoethanol**.
8. **Cells** are seeded into a **24-well plate** at a density of 1.5 x 10⁴ cells/cm² and incubated at 37°C in 5% CO₂.

