

HEK293T FRTL | 500202

Karyotype 46,XX

HEK293T

Culture Medium Ham's F12, w: 1.0 mM β -mercaptoethanol, w: 1.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 1.1 g/L NaHCO_3 (Cytion 820600a)

Supplements 0.5% FBS, 10 $\mu\text{g}/\text{ml}$ transferrin, 5 $\mu\text{g}/\text{ml}$ selenium, 50 $\mu\text{g}/\text{ml}$ insulin, 10 $\mu\text{g}/\text{ml}$ hydrocortisone

Dissociation Reagent Trypsin

Doubling time 5-7 days

Subculturing Seed cells into 25 cm² flasks in 3-5 ml of medium. When cells reach 80-90% confluency, dissociate with trypsin and seed into new flasks.

Fluid renewal 3 times per week

Post-Thaw Recovery Thaw cells in 4-8 ml of medium and seed into a 25 cm² flask. Allow cells to recover for 48 hours before use.

Freeze medium 10% FBS + 10% DMSO in serum-free medium

