



**HEK293T FRTL | 500202**

**Karyotype** 46,XY

**HEK293T**

**Culture Medium** Ham's F12, w: 1.0 mM  $\beta$ -mercaptoethanol, w: 1.0 mM  $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ , w: 1.1 g/L  $\text{NaHCO}_3$  (Cytion 820600a)

**Supplements** 10% 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 cm<sup>2</sup> flasks in 30 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 37°C water bath, wash in PBS, and seed into 25 cm<sup>2</sup> flasks in 30 ml of medium. Allow cells to recover for 48 hours before use.

**Freeze medium** Harvest cells and resuspend in freezing medium (10% FBS + 10% DMSO) for storage at -80°C.

