

Trophoblast (HTR-8/SVneo) cell line

From: Duke/UNC/UTA/EBI ENCODE group

Date: 8/24/10

1. Source of cells: Charles H. Graham, Department of Anatomy & Cell Biology, Queen's University at Kingston, Kingston, Ontario, Canada
2. Lineage: Trophoblast cells (see Graham et al., 1993)
3. Media for growth: RPMI 1640 supplemented with 5% FBS (no antibiotics), maintained at 5% CO<sub>2</sub> and 37 degrees C. Split with Trypsin 0.05% EDTA. Split twice weekly, and never let grow beyond 90% confluency.
4. Freezing: 92% FBS + 8% DMSO in cryovial and then in a freezing container overnight at -80C followed by liquid nitrogen storage.
5. Cell passage unknown

Reference for cell source:

Graham CH, Hawley TS, Hawley RG, MacDougall JR, Kerbel RS, Khoo N, Lala PK. Establishment and characterization of first trimester human trophoblast cells with extended lifespan. *Exp Cell Res* 1993;206:204-211.