

Huh-7 and Huh-7.5 culture conditions

From: Duke/UNC/UTA/EBI ENCODE group

Date: 8/24/10

1. Source of cells: Dr. Ravi Jhaveri at Duke University.
Citation: Blight, McKeating, Rice, "Highly Permissive Cell Lines for Subgenomic and Genomic Hepatitis C Virus RNA Replication" (2002).
Journal of Virology, Vol 76, No. 24, p13001-13014.
2. Lineage of cells: Liver cancer
3. Donor information (female/male): Japanese male
4. Karyotype; Unknown
5. Media for cell lines: DMEM-Sigma (D6429), 10% FBS, and 1% Pen/Strep
6. Protocol of cell growth

Cells grow on standard culture plates and should be incubated at 37°C in the presence of 5% CO₂. Cells should be passaged using the following conditions:

Huh-7: Trypsinize with 0.05% trypsin. Split 1:12—1:16

Huh-7.5: Trypsinize with 0.25% trypsin. Split 1:8 – 1:12

7. Cell passages (cells started from passage #7, and were grown to passage #14)