Growth Medium for HepG2

Source: ATCC HB-8065 (lot 59635738)
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500 ml	DMEM	(HyClone cat# SH30022.01)
50 ml	FBS	(HyClone cat.# SH30070.03)
5 ml	Pen-Strep (1X)	(Life Technologies Cat# 15140122)

Procedure

1. Thaw the vial by gentle agitation in a 37°C water bath.
2. Remove the vial from the water bath as soon as the contents are thawed.
3. Transfer the cells into the Growth medium and centrifuge at 1000rpm for 5min.
4. Resuspend the cell pellet in an appropriate amount of fresh growth medium.
5. Incubate the cells at 37°C in a 5% CO_2 in air atmosphere incubator.
6. Change the fresh growth medium every 2 to 3 days.

Subculture

Subculture cells until density reaches 70-80% confluence.

1. Remove culture medium
2. Wash cells with 1X PBS.
3. Add 2 to 3 ml of 0.25% Trysin-EDTA and return to incubator for 5 minutes.
4. Add 4.0 to 6.0 mL of complete growth medium and aspirate cells by gently pipetting.
5. Remove cells and pellet at 1000rpm for 5 min.
6. Gently re-suspend cell pellet in warm fresh growth medium.
7. Perform 1:8 to 1:16 cell split as needed.