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Cell culture

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Protocol status: Working
We use this protocol and it's working

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Abstract

Protocol to culture SH-SY5Y cells.

Materials

- Medium: DMEM/F-12, GlutaMAX™ (ThermoFisher Scientific) + 10% Fetal Bovine Serum (Gibco™)
- Trypsin-EDTA (0.25%) (ThermoFisher Scientific)
- PBS, pH 7.4 (ThermoFisher Scientific)

Cell culture

1 Culture human SH-SH5Y cells at 37 °C and 5% CO_2

2 Split cells at 80–90% confluency

2.1 Discard medium, rinse with PBS

2.2 Incubate cells with Trypsin-EDTA for 5 min at 37 °C and 5% CO_2

2.3 Add 9 mL medium to neutralise Trypsin-EDTA

2.4 Centrifuge at 300 *g*, 5 min, RT

2.5 Discard medium

2.6 Resuspend in 10 mL medium

3 Split at desired ratio into fresh medium