

SHSY5Y Splitting Protocol

- Equipment:
- Basic Culture Medium
 - Trypsin
 - Phosphate buffered Saline
 - 75 cm² culture flask

- Aspirate medium
- Wash cells with 8 ml PBS
- Aspirate PBS
- Add 1 ml of Trypsin
- Incubate 3 minutes at 37°C
- Tap gentle to loosen cells
- Quench Trypsin by adding 4 ml of Basic Culture Medium
- Triturate 5 times with a 10 ml pipette
- Transfer to centrifuge tube
- Triturate 4 times with a 5 ml pipette
- Count cells
- Transfer 850.000 cells into a new 75cm² culture flask
- Grow the cells in the Basic Culture Medium at 5% CO₂ and 37°C.
- Change medium every 2-3 days for maintaining SHSY5Y cells in culture