

Basic Cell Culture for SHSY5Y

How to maintain a culture of SHSY5Y

Materials

- EMEM
- FBS
- Pen/Strep

Procedure

Table 1 Basic Culture Media (50 ml)

Concentration	Chemicals
42 ml	EMEM
500 µl	Pen/Strep
7,5 ml	FBS

Keep for 6 weeks maximum

Prior to use, allow media to warm and equilibrate in an incubator to establish a proper pH balance before every step.

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

References

Shipley, Mackenzie M., Colleen A. Mangold, and Moriah L. Szpara. "Differentiation of the SH-SY5Y human neuroblastoma cell line." *Journal of visualized experiments: JoVE* 108 (2016): 53193.