

Protocol for preparation of ASC/TERT300 medium

Version: September 2021

Evercyte Ord. No.:	CHT-001-0300
Designation:	ASC/TERT300, human adipose-derived mesenchymal stem cells
Growth medium:	<p>Mesencult™ ACF Plus Culture Kit (STEMCELL TECHNOLOGIES, Cat# 05448) supplemented with GlutaMAX™ -I and G418:</p> <p><u>Final components:</u></p> <p>Mesencult™ ACF Plus medium (STEMCELL TECHNOLOGIES, Cat# 05446)</p> <p>Mesencult™ ACF Plus 500x supplement (STEMCELL TECHNOLOGIES, Cat# 05447)</p> <p>Animal Component-Free Cell Attachment (STEMCELL TECHNOLOGIES, Cat# 07130)</p> <p>2 mM GlutaMAX™ -I (Gibco, Cat# 35050-038, ready-to-use, 200 mM)</p> <p>200 µg/ml G418 (InvivoGen, Cat# ant-gn5, ready-to-use, 100 mg/ml)</p> <ul style="list-style-type: none"> - take one bottle of Mesencult™ ACF Plus medium (500 ml) - add 1 ml of Mesencult™ ACF Plus 500x supplement - add 5 ml GlutaMAX™ stock solution - add 1 ml of G418 stock solution - mix properly - store at 4°C for a maximum of 2 weeks (if not used up in that time prepare smaller volumes accordingly) - temper the medium to room temperature (not 37°C) before use
Related products:	<p>WJ-MSC/TERT273, Wharton’s Jelly-derived mesenchymal stem cells (Evercyte, Cat# CHT-059-0273)</p> <p>ASC/TERT1, adipose-derived mesenchymal stem cells (Evercyte, Cat# CHS-001-0005)</p>