

Protocol for preparation of BM-MSC/TERT292 medium

page 1 of 1

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Evercyte Ord. No.:	CHT-063-0292
Designation:	BM-MSC/TERT292, human bone-marrow-derived mesenchymal stromal cells
Growth medium:	Mesencult™ ACF Plus Culture Kit (STEMCELL TECHNOLOGIES, Cat# 05448) supplemented with GlutaMAX™ -I and G418: <u>Final components:</u> Mesencult™ ACF Plus medium (STEMCELL TECHNOLOGIES, Cat# 05446) Mesencult™ ACF Plus 500x supplement (STEMCELL TECHNOLOGIES, Cat# 05447) Animal Component-Free Cell Attachment (STEMCELL TECHNOLOGIES, Cat# 07130) 2 mM GlutaMAX™ -I (Gibco, Cat# 35050-038, ready-to-use, 200 mM) 200 µg/ml G418 (InvivoGen, Cat# ant-gn5, ready-to-use, 100 mg/ml) - take one bottle of Mesencult™ ACF Plus medium (500 ml) - add 1 ml of Mesencult™ ACF Plus 500x supplement - add 5 ml GlutaMAX™-I stock solution - add 1 ml of G418 stock solution - mix properly - store at 4°C for a maximum of 1 week (if not used up in that time prepare smaller volumes accordingly) - temper the medium to room temperature (not 37°C) before use
Related products:	WJ-MSC/TERT273, Wharton's Jelly-derived MSCs (Evercyte, Cat# CHT-059-0273) ASC/TERT1, adipose-derived MSCs (Evercyte, Cat# CHS-001-0005) ASC/TERT300, adipose-derived MSCs (Evercyte, Cat# CHT-001-0300)