

Protocol for preparation of BM-MSC/TERT292 medium

Version: September 2021

Evercyte Ord. No.:	CHT-063-0292
Designation:	BM-MSC/TERT292, human bone-marrow-derived mesenchymal stem cells
Growth medium:	Mesencult™ ACF Plus Culture Kit (STEMCELL TECHNOLOGIES, Cat# 05448) supplemented with GlutaMAX™ -I and G418

Final components:

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 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:	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)
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