

Materials List for:

Myeloid Cell Isolation from Mouse Skin and Draining Lymph Node Following Intradermal Immunization with Live Attenuated *Plasmodium* Sporozoites

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Materials

Name	Company	Catalog Number	Comments
Ketamine: Imalgene® 1,000	Merial	-	50 mg/kg: prior sporozoite injection 125 mg/kg: prior sacrifice
Xylazine: Rompun® 2%	Bayer	-	5 mg/kg: prior sporozoite injection 12.5 mg/kg: prior sacrifice
NanoFil syringe + 35 gauge needle	World Precision Instruments	-	-
Omnican® 50 Insulin syringe 0.5 ml/50 I.U.	B. Braun Medical	9151125	-
Multiwell™ 6 well tissue culture plate – Flat Bottom	BD Falcon	353046	-
70 µm cell strainer	BD Falcon	352350	-
2 ml syringe	Terumo	SS-02S	-
BLUE MAX™ 15 ml Polypropylene conical tube	BD Falcon	352097	-
BLUE MAX™ 50 ml Polypropylene conical tube	BD Falcon	352098	-
5 ml Polystyrene Round-Bottom Tube with 35 µm Cell-Strainer Cap	BD Falcon	352235	-
DPBS 1x CaCl ₂ ²⁻ and MgCl ₂ ²⁻ -free	Life Technologies	14190-094	-
DMEM 1x + GlutaMAX™	Life Technologies	31966-021	-
Collagenase from Clostridium histolyticum, Type IV 0.5-5.0 FALGPA units/mg solid	Sigma-Aldrich	C5138	400 U/ml
Deoxyribonuclease I from bovine pancreas, type IV	Sigma-Aldrich	D5025	50 µg/ml
EDTA disodium salt	Sigma-Aldrich	E-5134	10 mM or 2.5 mM
FBS	Biowest	S1810-500	-
HEPES buffer solution (1M)	Gibco	15630-056	25 mM
Trypan blue Stain (0.4%)	Life Technologies	15250-061	Dilution 1:10
Anti-mouse CD16/CD32 (2.4G2 clone)	BD Biosciences	553142	10 µg/ml final (1:50)
DAPI FluoroPure™ grade	Life Technologies	D21490	1 µg/ml final
Anti-mouse CD45 (30-F11 clone)	BD Biosciences	559864	Dilution 1:200
Anti-mouse CD11b (M1/70 clone)	BD Biosciences	557657	Dilution 1:400
Anti-mouse CD8α (5H10 clone)	Life Technologies	MCD0830	Dilution 1:100
Female C57BL/6JRj mice (7-week-old)	Janvier Laboratories	-	-