

Materials List for:

Transnuclear Mice with Pre-defined T Cell Receptor Specificities Against *Toxoplasma gondii* Obtained Via SCNT

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Materials

Name	Company	Catalog Number	Comments
Red Blood Cell lysis Buffer	Sigma-Aldrich	R7757	
Cell strainer	BD Biosciences	REF 352340	
Pregnant Mare Serum (PMS)	Calbiochem	367222	
Human Chorionic Gonadotropin (HCG)	Calbiochem	230734	
Hyaluronidase	Sigma-Aldrich	H4272	Type IV-S
KSOM-AA	EMD Millipore	MR-106-D	
HCZB	EMD Millipore	MR-173-D	Customized medium
Ca-free medium for activation	EMD Millipore	MR-174-D	Customized medium
SrCl ₂	Sigma-Aldrich	255521	100mM = 10x
AlbuMAX I	GIBCO, by Life Technologies	11020-021	
PVP	MP Biomedicals	102787	Make 10% solution using HCZB, and add 0.1% AlbuMAX I
Cytochalasin B	Sigma-Aldrich	C6762	500µg/ml = 100x
Trichostatin A	Sigma-Aldrich	T8552	5mM = 1000x
Mineral Oil	Sigma-Aldrich	M5310	
Holding needle	Humagen	MPH-SM-30	
Injection and transfer needles	Humagen	4-15, 7-15, 15-15	
Mouth pipette	Sigma-Aldrich	A5177	
Scissors	Fine Science Tools	14088-10	or something similar
Forceps	Fine Science Tools	11251-10	or something similar
Wound Clip Applicator	BD Biosciences	427630	
Wound Clips	BD Biosciences	427630	
Suture	Ethicon Inc.	K871H	
DMEM	Sigma-Aldrich	D6429	
FBS	Hyclone	SH30071.03	15%
Penicillin/Streptomycin	Lonza Inc.	17-602E	100x
Glutamin	MP Biomedicals	101806	200mM = 100x
Non-essential Aminoacids	GIBCO, by Life Technologies	11140050	100x
β-Mercapt-ethanol	GIBCO, by Life Technologies	21985-023	5µl in 500ml
LIF	EMD Millipore	ESG1106	1000x
MEK inhibitor	Cell Signaling Technology	9900L	For ES derivation only, add to ES medium (final concentration 50µM)