

Materials List for:

# Isolation, Purification, and Differentiation of Osteoclast Precursors from Rat Bone Marrow

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## Materials

Name	Company	Catalog Number	Comments
Acid Phosphatase, Lekocyte (TRAP) kit	Sigma-Aldrich	387A	
Automatic Hard Tissue Slicer	Lecia	RM2265	
Bovine femoral bone			Purchased by ourselves
Cell Incubator	Heraus	BB16/BB5060	
Fetal Bovine Serum	Sarana	s-fbs-au-015	
Goat Anti-Rabbit IgG H&L (Alexa Fluor 488)	Abcam	ab150077	
Hard Tissue Grinders	Lecia	SP-2600	
Histopaque Kit	TianJing Haoyang	TBD2013DR	Silicified centrifugal tube amd cell separation solution
Hochest33342	Sigma-Aldrich	B2261	
Inverted Phase Contrast Microscope	Olympus	CKX31	
Inverted Fluorescence Microscope	Lecia	DMI-3000	
MEM, no Glutamine	Gibco	11090-081	
Penicillin-Streptomycin, Liquid	Gibco	15140122	
Rabbit Anti-Calcitonin receptor	Bioss	bs-0124R	
Recombinant Rat M-CSF	PeproTech	400-28	
Recombinant Rat sRANK Ligand	PeproTech	400-30	
Red Blood Cell Lysis Buffer	Absin	abs47014932	
Scanning Electron Microscopy	FEI	Quanta 200	
Toluidine Blue	Sigma-Aldrich	89649	