

Materials List for:

# Isolation and Transplantation of Different Aged Murine Thymic Grafts.

Y. Maurice Morillon II\*<sup>1</sup>, Fatima Manzoor\*<sup>1</sup>, Bo Wang<sup>1</sup>, Roland Tisch<sup>1</sup>

<sup>1</sup>Department of Microbiology and Immunology, University of North Carolina at Chapel Hill

\*These authors contributed equally

Correspondence to: Roland Tisch at [roland\\_tisch@med.unc.edu](mailto:roland_tisch@med.unc.edu)

URL: <https://www.jove.com/video/52709>

DOI: [doi:10.3791/52709](https://doi.org/10.3791/52709)

## Materials

Name	Company	Catalog Number	Comments
Ethanol	Decon Laboratories	2705HC	
PBS	GIBCO	14190-144	pH 7.4
Betadine Solution	Purdue Products	67618-150-17	
18 gauge needle	BD	305195	
Sutures (1.0 metric)	Ethicon	J493G	18" (45cm)
AUTOCLIP Wound Clips (9mm)	Clay Adams® Brand	427631	
Transfer pipette	Fisher Scientific	13-711-20	Sterile, disposable
Mouse anti-CD3 Ab	eBioscience	11-0031-85	Clone: 1452C11
Mouse anti-CD4 Ab	eBioscience	48-0042-82	Clone: RM4-5
Mouse anti-CD8 Ab	eBioscience	25-0081-82	Clone: 53-6.7
Lancet	Medipoint	Goldenrod 4mm	
Pacific Orange Succinimidyl Ester, Triethylammonium Salt	Invitrogen	P30253	
96-well round bottom polypropylene plates	Corning	3365	
1.2 ml polypropylene cluster tubes	Corning	4401	
5 ml polypropylene round-bottom tubes	BD	352002	
40uM Nylon Cell Strainer	Falcon	352340	
16% Paraformaldehyde Solution, EM Grade	Electron Microscopy Services	15710	Hazardous
Puralube Optical Ointment	Fisher Scientific	NC0138063	
Lympholyte	Cedarlane	CL5030	
60 mm cell culture dish	Corning	430196	60 mm x 15 mm, Sterile