

Materials List for:

# Induction of Intestinal Graft-versus-host Disease and Its Mini-endoscopic Assessment in Live Mice

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## Materials

Name	Company	Catalog Number	Comments
BIOBEAM 2000 Gamma Irradiator	Gamma-Service Meical GmbH		
Phosphate-buffered saline (PBS )	Sigma-Aldrich Co. LLC.	D8662-6x500ML	
Semken Forceps (lenght: 13 cm; serrated, curved tips)	Fine Science Tools	11009-13	
Hardened Fine Scissors (lenght: 8,5 cm; straight tips; cutting edge: 24 mm)	Fine Science Tools	14090-09	
RPMLI-1640 Medium	Sigma-Aldrich Co. LLC.	R8758-500ML	
Hypodermic needle (26G)	B. Braun Melsungen AG	4657683	
1 mL syring	B. Braun Melsungen AG	9166017V	
50 mL tube	Sarstedt Ag & Co.KG	62,547,254	
Cell strainer with a 40 µm mesh screen	BD Falcon	352340	
Ammonium chloride (NH <sub>4</sub> Cl)	Sigma-Aldrich Co. LLC.	11209	ingredient of ACK lysing buffer
Ethylenediaminetetraacetic acid disodium salt dihydrate (Na <sub>2</sub> EDTA)	Carl Roth GmbH & Co.KG	8043.2	ingredient of ACK lysing buffer
Potassium bicarbonate (KHCO <sub>3</sub> )	Merck KGaA	1,048,540,500	ingredient of ACK lysing buffer
CD90.2 MicroBeads, mouse	Miltenyi Biotec GmbH	130-049-101	magnet cell separation to isolate T cell-depleted bone marrow cells
Pan T Cell Isolation Kit II, mouse	Miltenyi Biotec GmbH	130-095-130	magnet cell separation to isolate splenic T cells
Alexa Fluor 700 anti-mouse CD45.2 Antibody (clone: 104; lot: B252126; RRID: AB_493731)	Biolegend	109822	
Pacific Blue anti-mouse CD3 Antibody (clone: 17A2; lot: B227246; RRID: AB_493645)	Biolegend	100214	
FITC anti-mouse CD4 Antibody (clone: GK1.5; lot: B225057; RRID: AB_312691)	Biolegend	100406	
PE/Cy7 anti-mouse CD45.1 Antibody (clone: A20; lot: B217246; RRID: AB_1134168)	Biolegend	110730	
APC/Cy7 anti-mouse CD8a Antibody (clone: 53-6.7, lot: B247008; RRID: AB_312753)	Biolegend	100714	
Filtrated bovine serum	Pan Biotec	P40-47500	ingredient of FACS buffer

96-well polystyrene V-bottom plates	Greiner Bio-One	651201	
Polystyrene Round-Bottom Tube (5 mL)	Falcon	352052	
BD LSRFortessa II flow cytometer	BD Bioscience Co.		
Insulin syringe with sterile interior (30G)	BD	324826	
Oxy Vet Oxymat 3	Eickemeyer		oxygen concentrator for anesthesia
NarkoVet	Eickemeyer	213062	
Plexiglass chamber	Eickemeyer	214620	
Straight Forward Telescope	KARL STORZ SE &Co KG	64301 AA	part of the experimental setup for colonoscopy
Protection and Examination Sheath	KARL STORZ SE &Co KG	61029 C	part of the experimental setup for colonoscopy
Examination Sheath with working channel	KARL STORZ SE &Co KG	61029 D	part of the experimental setup for colonoscopy
Biopsy Forceps	KARL STORZ SE &Co KG	61071 ZJ	part of the experimental setup for colonoscopy
175 Watt SCB XenonLight Source	KARL STORZ SE &Co KG	20132120	part of the experimental setup for colonoscopy
Fiber Optic Light Cable	KARL STORZ SE &Co KG	495 NL	part of the experimental setup for colonoscopy
Image 1 S3 Camera Head	KARL STORZ SE &Co KG	22220030	part of the experimental setup for colonoscopy
Image 1 SCB Camera Control Unit	KARL STORZ SE &Co KG	22200020	part of the experimental setup for colonoscopy
LCD monitor	Olympus	OEV181H	part of the experimental setup for colonoscopy
Forane / Isofluran	AbbVie Inc.	B506	
Formaldehyde solution 37 %	Carl Roth GmbH & Co.KG	7398.1	
5,0 mL Dispenser tip	Eppendorf AG	30089456	