

Materials List for:

Induction of Invasive Transitional Cell Bladder Carcinoma in Immune Intact Human MUC1 Transgenic Mice: A Model for Immunotherapy Development

Daniel P. Vang¹, Gregory T. Wurz¹, Stephen M. Griffey², Chiao-Jung Kao¹, Audrey M. Gutierrez¹, Gregory K. Hanson¹, Michael Wolf³, Michael W. DeGregorio¹

¹Department of Internal Medicine, Division of Hematology and Oncology, University of California, Davis

²Comparative Pathology Laboratory, UC Davis School of Veterinary Medicine, University of California, Davis

³Merck Serono Research, Merck KGaA, Darmstadt, Germany

Correspondence to: Michael W. DeGregorio at mwdegregorio@ucdavis.edu

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Materials

Name	Company	Catalog Number	Comments
Reagent			
N-butyl-N-(4-hydroxybutyl)-nitrosamine (OH-BBN)	TCI America	B0938	
20 G Gavage Needles	Popper Sons, Inc.	7921	Stainless steel
Peptide Vaccine	N/A	N/A	investigational agent
BD Microtainers	BD	365957	
Tissue Cassettes	Simport	M490-12	
10% Neutral Buffered Formalin	Fisher Scientific	SF100-4	
Lysis Buffer	Pierce	87787	
Halt Protease & Phosphatase inhibitor cocktail	Thermo Scientific	78444	
Pierce BCA Protein Assay Kit	Pierce	23225	
Mouse Cytokine 20plex Kit	Invitrogen	LMC006	
Magnetic Microsphere Beads	Luminex	MC100xx-01	xx is the bead region
Anti-mouse TNF- Capture Antibody	BD Pharmingen	551225	
Anti-mouse TNF- Detection Antibody	BD Pharmingen	554415	
Anti-mouse IFN- Capture Antibody	Abcam	ab10742	
Anti-mouse IFN- Detection Antibody	Abcam	ab83136	
PBS, pH 7.4	Sigma	P3813-10PAK	
Tween-20	Fisher	BP337-500	
Assay Buffer	Millipore	L-MAB	
Cytokine Standard	Millipore	MXM8070	
Multi-screen HTS 96well filter plates	Millipore	MSBVN1210	
SA-PE	Invitrogen	SA10044	
100 m Nylon Tissue Sieves	BD	352360	
Splenocyte Separation Media	Lonza	17-829E	
TNF- /IL-4 ELISpot plates	R&D Systems	ELD5217	
Rabbit Anti-MUC1 monoclonal antibody	Epitomics	2900-1	
Goat Anti-actin monoclonal antibody	Sigma	A1978	

Anti-rabbit HRP antibody	Promega	W401B	
Goat anti-mouse HRP antibody	Santa Cruz Biotechnology, Inc.	SC-2005	
PVDF membrane	BioRad	162-0174	
Mini Protean TGX Precast Gels	BioRad	456-1083	
Muse Count & Viability Kit	Millipore	MCH100104	
MUC1 Antibody	BD Pharmingen	550486	IHC antibody
Animal Research Peroxidase Kit	Dako	K3954	IHC staining
Equipment and Software			
Millipore plate vaccum apparatus	Millipore	MSVMHTS00	
Luminex Lx200	Millipore / Luminex	40-013	Manufactured by Luminex, distributed by Millipore
Luminex Xponent Software	Millipore / Luminex	N/A	Version 3.1; included with Luminex Lx200
Milliple Analyst Software	Milliplex / VigeneTech	40-086	Version 5.1
Muse Cell Analyzer	Millipore	0500-3115	
Muse Software	Millipore	N/A	Version 1.1.0.0; included with Analyzer
Dissecting Microscope	Unitron	Z730	
Graphpad Prism Software	Graphpad Software Inc.	N/A	Version 5.1
Mini Protean Tetra Cell Gel apparatus	BioRad	165-8001	
Trans Blot SD Cell and PowerPac	BioRad	170-3849	