

Materials List for:

Evaluation of Host-Pathogen Responses and Vaccine Efficacy in Mice

Kyle Caution¹, Kacy Yount¹, Rajendar Deora^{1,2}, Purnima Dubey¹

¹Department of Microbial Infection & Immunity, The Ohio State University

²Department of Microbiology, The Ohio State University

Correspondence to: Purnima Dubey at Purnima.Dubey@osumc.edu

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Materials

Name	Company	Catalog Number	Comments
2L induction chamber	Vet Equip	941444	
Fluriso	Vet One	V1 501017	any brand is appropriate
Bordet Gengou Agar Base	BD bioscience	248200	
Casein	Sigma	C-7078	
Casamino acids	VWR	J851-500G	Strainer Scholte (SS) media components
L-Glutamic acid	Research Products Int	G36020-500	
L-Proline	Research Products Int	P50200-500	
Sodium Chloride	Fisher	BP358-10	
Potassium Phosphate monobasic	Fisher	BP362-1	
Potassium Chloride	Fisher	P217-500	
Magnesium Chloride hexahydrate	Fisher	M2670-500G	
Calcium Chloride	Fisher	C75-500	
Tris base	Fisher	BP153-1	
L-cysteine HCl	Fisher	BP376-100	SS media supplements
Ferrous Sulfate heptahydrate	Sigma	F-7002	
Niacin	Research Products Int	N20080-100	
Glutathione	Research Products Int	G22010-25	
Ascorbic acid	Research Products Int	A50040-500	
RPMI 1640	ThermoFisher Scientific	11875093	
FBS	Sigma	F2442-500mL	any US source, non-heat inactivated
gentamicin	ThermoFisher Scientific	15710064	
B-mercaptoethanol	Fisher	BP176-100	
15mL dounce tissue grinder	Wheaton	357544	any similar brand is appropriate
Cordless Hand Homogenizer	Kontes/Sigma	Z359971-1EA	any similar brand is appropriate
Instruments - scissors, curve scissors, forceps, fine forceps, triangle spreaders			any brand is appropriate
3mL syringes	BD bioscience	309657	
15mL conical tubes	Fisher	339651	
1.5mL microfuge tubes	Denville	C2170	
70um cell strainers	Fisher	22363548	
60mm plates	ThermoFisher Scientific	130181	
48-well tissue culture plates	ThermoFisher Scientific	08-772-1C	
1mL insulin syringe 28G1/2	Fisher Scientific/Excel Int.	14-841-31	

Mouse IFN-gamma ELISA Ready-SET-Go! Kit	Invitrogen / eBioscience	50-173-21	
Mouse IL-17 ELISA Ready-SET-Go! Kit	Invitrogen / eBioscience	50-173-77	
Mouse IL-5 ELISA Ready-SET-Go! Kit	Invitrogen / eBioscience	50-172-09	