

Materials List for:

Generation of Murine Monoclonal Antibodies by Hybridoma Technology

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Materials

Name	Company	Catalog Number	Comments
glutaraldehyde	Sigma Aldrich	G5882	
<i>N</i> -(3-dimethylaminopropyl)- <i>N</i> -ethylcarbodiimide (EDC)	Sigma Aldrich	39391-10ML	
Sulfo-GMBS	Perbio Science Germany	22324	
ovalbumin	Sigma Aldrich	A5503	
bovine serum albumin	Sigma Aldrich	A2153	
keyhole limpet hemocyanin	Sigma Aldrich	H8283	
Falcon tubes 15 mL	Biochrom GmbH	P91015	
reaction vials, 1.5 mL	Carl Roth GmbH & C0.KG	CNT2.1	
hollow needle	Carl Roth GmbH & C0.KG	C724.1	
glass wool	Carl Roth GmbH & C0.KG	6574.1	
Sephadex G25 coarse	Sigma Aldrich	GE-17-0034-02	
Freund's adjuvant, complete	Sigma Aldrich	F5881-10ML	
ELISA plates, 96 well	Greiner bio-one	655101	
neonatal calf serum	Biochrom GmbH	S1025	
TipOne Tips 1,000 µL	Starlab	S1111-2021	
Pipette tips 200 µL	Greiner bio-one	739291	
HRP-conjugated goat-anti-mouse IgG antibody	Dianova	115-035-003	
tetramethylbenzidine	Carl Roth GmbH & C0.KG	6350.2	
Natriumdihydrogenphosphat	Carl Roth GmbH & C0.KG	K300.2	
peroxide/urea			
sulphuric acid	Carl Roth GmbH & C0.KG	4623.3	
RPMI 1640	Life technologies GmbH	31870074	
L-glutamine	Carl Roth GmbH & C0.KG	HN08.2	
beta-mercaptoethanol	Sigma Aldrich	M6250	
fetal calf serum	Invitrogen	10270106	
TC-flask 25 cm ²	Peske GmbH	86-V025	
TC-flask 75 cm ²	Peske GmbH	86-V075	
ethanol, 96%	Carl Roth GmbH & C0.KG	P075.1	
cell strainer	VWR international	734-0002	
Falcon tubes 50 mL	Biochrom GmbH	P91050	
PEG 8000	Sigma Aldrich	1546605	
electroporation cuvette, 2 mm	Biodeal Handelsvertretung Edelman e.K.	EKL2,25	
hypoxanthine	Sigma Aldrich	H9636-25G	

azaserine	Sigma Aldrich	A4142	
thymidine	USB Europa GmbH	22305 1 GM	
TC-plates 96 well	Biochrom GmbH	P92696	
TC-plates 24 well	Biochrom GmbH	P92424	
cryotubes, 1 mL	Sigma Aldrich	V7384-1CS	
dimethylsulfoxide	Carl Roth GmbH & C0.KG	4720.1	
protein A sepharose	Sigma Aldrich	P3391-1G	
SDS sample loading buffer, Roti-Load 1	Carl Roth GmbH & C0.KG	K929.1	
unstained protein ladder	BioRad Laboratories	161-0363	
comassie brilliant blue R-250	BioRad Laboratories	161-0406	