

Materials List for:

Generation of Monoclonal Antibodies Against Natural Products

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Materials

Name	Company	Catalog Number	Comments
800 mesh (40 μm nylon) filter	FALCON	352340	
24 well culture plate	NUNC	119567	
25 cm ² Flask	Labserv	310109016	
3,3',5,5'-Tetramethylbenzidine(TMB)	Sigma Aldrich	860336 1G	
75 cm ² Flask	Corning	430720	
96 well culture plate	NUNC	117246	
bovine serum albumin	AMRESCO	332	
cell strainer	FALCON	352340	
centrifuge tube 15 mL	Corning	430645	
centrifuge tube 50 mL	Corning	430828	
cryotubes, 1 mL	Sigma Aldrich	V7384-1CS	
cultivator	DRP-9082	Samsung	
dialysis membrane (10kDa)	Heng Hui	45-10000D	
dimethylsulfoxide	Sinopharm Chemical	DH105-10	
electronic balance	BS124-S	Sartorius	
ELISA plates, 96 well	NUNC	655101	
ethanol, 96%	Sinopharm Chemical		
Fetal bovine serum	Gibco	16000-044	
fetal calf serum	Invitrogen	10270106	
Freund's adjuvant, complete	Sigma Aldrich	SLBM2183V	
Freund's adjuvant, incomplete	Sigma Aldrich	SLBL0210V	
Gelatin	AMRESCO	9764-500g	
Gradient cooler container	Nalgene	5100-0001	
HAT media supplement	Sigma Aldrich	H0262-10VL	
HRP-conjugated goat-anti-mouse IgG antibody	applygen	C1308	
HT media supplement	Sigma Aldrich	H0137-10VL	
Inverted Microscope	IX73	Olympus	
keyhole limpet hemocyanin	Sigma Aldrich	H8283	
MALDI-TOF-MS	Axima-CFR plus	Axima	
Microplate Reader	BioTex	ELX-800	

mouse	Vital River	BALB/c	
ovalbumin	Beijing BIODDEE	5008-25g	
PEG	Sigma Aldrich	RNBC6325	
Penicillin&Streptomycin solution	Hyclone	SV30010	
Pipette 10 mL	COSTAR	4488	
Pipette 25 mL	FALCON	357525	
RPMI 1640	Corning	10-040-CVR	
skim milk	applygen	P1622	
sodium periodate	Sinopharm Chemical	BW-G0008	
Sulfo-GMBS	Perbio Science Germany	22324	
TipOne Tips 1,000 µL	Starlab	S1111-2021	