

Materials List for:

A Protocol for Phage Display and Affinity Selection Using Recombinant Protein Baits

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Materials

Name	Company	Catalog Number	Comments
Tryptone	Becton Dickinson Co.	211705	
Yeast Extract	Becton Dickinson	212750	
Agar	Becton Dickinson	214010	
Sodium Chloride	Fisher Scientific	BP358-10	
Agarose	Research Products International	A20090	
Blocking Reagent	EMD Chemicals Inc.	69064	
Tween 20	Fisher Scientific	BP337-100	
Sodium Hydroxide	Fisher Scientific	BP359-212	
Sodium Dodecyl Sulfate	Fisher Scientific	BP166-500	
Tris Base	Fisher Scientific	BP152-5	
Chloroform	Fisher Scientific	BP1145-1	
<i>Escherichia coli</i> BLT5403	EMD Chemicals Inc.	BLT5403	Genotype: F- <i>ompT hsdS_B</i> (<i>r_B</i> - <i>m_B</i> -) <i>gal dcm pAR₅₄₀₃</i> (AmpR)
Ampicillin, Sodium Salt	Research Products International	A40040	
Ethidium bromide	Fisher Scientific	BP102-1	
Bovine Serum Albumin (BSA)	Sigma-Aldrich Corp.	A-9647	
Penta-HIS primary antibody	Qiagen Inc.	34660	
Goat anti-mouse alkaline phosphatase conjugate	Sigma-Aldrich Corp.	A-5153	
<i>para</i> -Nitrophenylphosphate	Sigma-Aldrich Corp.	N-7653	
T7-UP primer	EMD Chemicals Inc.		5'-GGAGCTGTCGTATTCCAGTC-3'
T7-DOWN primer	EMD Chemicals Inc.		5'-AACCCCTCAAGACCCGTTTA-3'
Qiaquick PCR Purification kit	Qiagen Inc.	28104	
Qiaquick Gel Extraction kit	Qiagen Inc.	28706	
Big Dye Terminator v3.1 Cycle Sequencing Kit	Invitrogen Life Technologies	4336917	
Heating Block	Pierce Chemical Co. (Thermo Fisher Scientific Co.)	18780	
96-well Cell Culture Plates	Corning	Costar 3590	
Isotemp Incubator Oven	Fisher Scientific	516D	
Pasteur Pipettes, 5 ¼ in	Fisher Scientific	13-678-20A	
ChromaView Transilluminator	UVP Inc.	TS-15	
UV Shield	Oberon	071AF	
Gloves, Nitrile	Fisher Scientific	19-170-010C	

Sterile 1.5 ml tubes	USA Scientific Inc	1615-5500	
10 ml Borosilicate Pipettes	Fisher Scientific	13-678-25E	
Borosilicate culture tubes	Fisher Scientific	14-961-27	
Uniskan I, ELISA plate reader	Labsystem and Flow Laboratories, Helsinki, Finland	Type 362	