

Materials List for

Affinity Purification of a Fibrinolytic Enzyme from *Sipunculus nudus*

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Citation

Tang, M., Lin, H., Hu, C., Yan, H. Affinity Purification of a Fibrinolytic Enzyme from *Sipunculus nudus*. *J. Vis. Exp.* (196), e65631, doi:10.3791/65631 (2023).

Date Published

June 2, 2023

DOI

10.3791/65631

URL

jove.com/video/65631

Materials

Name	Company	Catalog Number	Comments
30% Acrylamide-Bisacrylamide (29:1)	Biosharp		
2-Mercaptoethanol	Solarbio		
Agarose G-10	Biowest		
Ammonium persulfate	SINOPHARM		
Ammonium sulfate	SINOPHARM		
Arginine-Sepharose 4B	Solarbio	Arginine-agarose matrix	
Bromoxylene Blue (BPB)	Solarbio		
Fast Silver Stain Kit	Beyotime		
Fibrinogen	Merck		
Glycine	Solarbio		
Hydrochloric acid	SINOPHARM		
Kinase	RHAWN		
Lysine-Sepharose 4B	Solarbio	Lysine-agarose matrix	
N,N,N',N'-Tetramethylethylenediamine (TEMED)	Sigma-Aldrich		
Prestained Color Protein Marker (10-170 kD)	Beyotime		
Sodium chloride	SINOPHARM		
Sodium Dodecyl Sulfonate (SDS)	Sigma-Aldrich		
Sodium hydroxide	SINOPHARM		
Thrombin	Meilunbio		
Tris(Hydroxymethyl) Aminomethane	Solarbio		
Tris(Hydroxymethyl) Aminomethane Hydrochloride	Solarbio		
Equipment			
AKT Aprotein Purification System pure	GE		

Automatic Vertical Pressure Steam Sterilizer MLS-3750	SANYO		
Chemiluminescence Imaging System	GE		
Constant Flow Pump BT-100	QITE		
Constant Temperature Incubator	JINGHONG		
Desktop Refrigerated Centrifuge 3-30KS	SIGMA		
DHG Series Heating and Drying Oven DGG-9140AD	SENXIN		
Electric Glass Homogenizer DY89-II	SCIENTZ		
Electronic Analytical Balance	DENVER		
Electro-Thermostatic Water Bath DK-S12	SENXIN		
Horizontal Decolorization Shaker	Kylin-Bell		
Ice Machine AF 103	Scotsman		
KQ-500E Ultrasonic Cleaner	ShuMei		
Magnetic Stirrer	Zhi wei		
Micro Refrigerated Centrifuge H1650-W	Cence		
Microwave Oven	Galanz		
Milli-Q Reference	Millipore		
Pipettor	Thermo Fisher Scientific		
Precision Desktop pH Meter	Sartorius		
Small-sized Vortex Oscillator	Kylin-Bell		
Vertical Electrophoresis System	Bio-Rad		
Consumable Material			
200 μ L PCR Tube (200 μ L)	Axygene		
Centrifuge Tube (1.5 mL)	Biosharp		
Centrifuge Tube (5 mL)	Biosharp		
Centrifuge Tube (50 mL)	NEST		
Centrifuge Tube (7 mL)	Biosharp		
Culture Dish (60 mm)	NEST		
Filter Membrane (0.22 μ m)	Milllex GP		
Parafilm	Bemis		
Pipette Tip (1 mL)	KIRGEN		
Pipette Tip (10 μ L)	Axygene		
Pipette Tip (200 μ L)	Axygene		
Special Indicator Paper	TZAKZY		
Ultra Centrifugal Filter Unit (15 mL 3 KDa)	Millipore		
Ultra Centrifugal Filter Unit (4 mL 3 KDa)	Millipore		
Universal pH Indicator	SSS Reagent		