

Materials List for:

# Isolation of F<sub>1</sub>-ATPase from the Parasitic Protist *Trypanosoma Brucei*

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## Materials

Name	Company	Catalog Number	Comments
<b>Chemicals</b>			
Adenosin Diphosphate Disodium Salt (ADP)	Applichem	A0948	
Amastatin Hydrochloride	Glantham Life Sciences	GA1330	
Aminocaproic Acid	Applichem	A2266	
BCA Protein Assay Kit	ThermoFischer Scientific/Pierce	23225	
Benzamidine Hydrochloride	Calbiochem	199001	
Bestatin Hydrochloride	Sigma Aldrich/Merck	B8385	
Chloroform	Any supplier		
cOmplete Tablets, Mini EDTA-free	Roche	4693159001	Protease inhibitor cocktail tablets
Ethylenediaminetetraacetic Acid (EDTA)	Any supplier		
Hydrochloric Acid	Any supplier		For pH adjustment
Ile-Pro-Ile	Sigma Aldrich/Merck	I9759	Alias Diprotin A
Leupeptin	Sigma Aldrich/Merck	L2884	
Magnesium Sulfate Heptahydrate	Any supplier		
Pepstatin A	Sigma Aldrich/Merck	P5318	
Protein Electrophoresis System	Any supplier		
Sodium Chloride	Any supplier		
Sucrose	Any supplier		
Tris	Any supplier		
Name	Company	Catalog Number	Comments
<b>Consumables</b>			
Centrifuge Tubes for SW60Ti, Polyallomer	Beckman Coulture	328874	
DounceTissues Homogenizer 2 mL	Any supplier		
Glass Vacuum Filtration Device	Sartorius	516-7017	Degasing solutions for liquid chromatography
HiTrap Q HP, 5 mL	GE Healthcare Life Sciences	17115401	Anion exchange chromatography column
Regenaretad Cellulose Membrane Filters, pore size 0.45 µm, diameter 47 mm	Sartorius	18406--47-----N	Degasing solutions for liquid chromatography
Superdex 200 Increase 10/300 GL	GE Healthcare Life Sciences	29091596	Size-exclusion chromatography column
Vivaspin 6 MWCO 100 kDa PES	Sartorius	VS0641	
Name	Company	Catalog Number	Comments

Equipment			
AKTA Pure 25	GE Healthcare Life Sciences	29018224	Or similar FPLC system
Spectrophotometer Shimadzu UV-1601	Shimadzu		Or similar spectrophotometer with kinetic assay mode
Ultracentrifuge Beckman Optima with SW60Ti Rotor	Beckman Coulture		Or similar ultracentrifuge and rotor
Ultrasonic Homogenizer with Thin Probe, Model 3000	BioLogics	0-127-0001	Or similar ultrasonic homogenizer