

Materials List for:

# Using Fluorescent Proteins to Monitor Glycosome Dynamics in the African Trypanosome

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## Materials

Name	Company	Catalog Number	Comments
Adenosine	Avocado Research Chemicals Ltd	A10781	SDM79 Ingredient
L-Alanine	Avocado Research Chemicals Ltd	A15804	SDM79 Ingredient
L-Arginine	CalBiochem	1820	SDM79 Ingredient
p-Aminobenzoic acid	ICN Biomedicals	102569	SDM79 Ingredient
Basal Medium Eagle Vitamin Solution (100x)	Sigma	B6891	SDM79 Ingredient
Biotin	Fisher	BP232-1	SDM79 Ingredient
Calcium chloride	VWR	BDH0224	Cytomix
EDTA	Fisher	S311-100	Cytomix ingredient
EZNA Gel Extraction kit	Omega Biotek	D2500-01	DNA purification
Research grade Serum	Fisher	03-600-511	SDM79 Ingredient
Folic acid	ICN Biomedicals	101725	SDM79 Ingredient
Glucosamine HCl	ICN Biomedicals	194671	SDM79 Ingredient
Glucose	GIBCO	15023-021	SDM79 Ingredient
L-Glutamine	CalBiochem	3520	SDM79 Ingredient
Glycerol	Acros Organics	Ac15892-0010	Freezing media
Graces insect cell media powder	GIBCO	11300-043	SDM79 Ingredient
Hemin	MP Biomedicals	194025	SDM79 Ingredient
Guanosine	Avocado Research Chemicals Ltd	A11328	SDM79 Ingredient
HEPES	MP Biomedicals	194025	SDM79 Ingredient
Magnesium chloride	Fisher	BP214-500	Cytomix ingredient
L-Methionine	Fisher	BP388-100	SDM79 Ingredient
MEM Amino Acids (50x)	Cellgro	25-030-CI	SDM79 Ingredient
NEAA Mixture (100x)	Lonza	13-114E	SDM79 Ingredient
Minimal Essential Medium (1x) with L-glutamine	Cellgro	10-010-CM	SDM79 Ingredient
MOPS	Fisher	BP308-500	SDM79 Ingredient
Sodium bicarbonate	Fisher	S233-500	SDM79 Ingredient
Penicillin-streptomycin Solution	Cellgro	30-002-CI	SDM79 Ingredient
L-Phenylalanine	ICN Biomedicals	102623	SDM79 Ingredient
Potassium chloride	Fisher	P217-500	Cytomix ingredient
Potassium phosphate dibasic anhydrous	Fisheer	P290-212	Cytomix ingredient
L-Proline	Fisher	BP392-100	SDM79 Ingredient
L-Serine	Acros Organics	56-45-1	SDM79 Ingredient

Pyruvic acid, sodium salt	Acros Organics	113-24-6	SDM79 Ingredient
L-Taurine	TCI America	A0295	SDM79 Ingredient
L-Threonine	Acros Organics	72-19-5	SDM79 Ingredient
L-Tyrosine	ICN Biomedicals	103183	SDM79 Ingredient
E.Z.N.A. Cycle Pure kit	Omega Biotek	D6492-02	DNA purification
Binding buffer	Omega Biotek	PDR041	DNA purification
SPW wash buffer	Omega Biotek	PDR045	DNA purification
Gene Pulser Xcell	Biorad	165-2660	Trypanosome transformation
4 mm Electroporation cuvettes	VWR		Trypanosome transformation