Materials List for:

In vitro tRNA Methylation Assay with the *Entamoeba histolytica* DNA and tRNA Methyltransferase Dnmt2 (Ehmeth) Enzyme

Ayala Tovy[1], Benjamin Hofmann[2], Mark Helm[2], Serge Ankri[1]

[1]Faculty of Medicine, Rappaport Institute, Technion - Israel Institute of Technology

[2]The Pharmacy and Biochemistry Institute, Johannes Gutenberg University

Correspondence to: Serge Ankri at sankri@tx.technion.ac.il

URL: http://www.jove.com/video/2390/

Materials

Name	Company	Catalog Number	Comments
Taq Polymerase (5 U/l)	Rapidozym, Berlin	GEN-003-1000	
10X Gentherm PCR Buffer	Rapidozym, Berlin	With GEN-003-1000	
$MgCl_2$ (50 mM)	Rapidozym, Berlin	With GEN-003-1000	
dNTP mix (10 mM)	Fermentas	R0191	
Oligo nucleotides	IBA, Göttingen	Customized	
NTP mix (25mM)	Fermentas	R0481	
GelRed Nucleic Acid Stain 3X in water	Biotium, Inc.	41001	
Dithiotreitol	Fermentas	R0861	
Spermidine	Sigma-Aldrich	S0266	
Pall Nanosep 0.45 m	Sigma-Aldrich	Z722014	
Dichlorodimethylsilane	Sigma-Aldrich	40140	
Ethanol (Ph. Eur.)	Carl Roth Gmbh	5054.3	
Tris HCl	Carl Roth Gmbh	9090.3	
Tris	Carl Roth Gmbh	AE15.1	
BSA	Fermentas	B14	
Triton X-100	Sigma-Aldrich	T8787	
TEMED	Carl Roth Gmbh	2367.1	
Ammonium Peroxodisulfate	Carl Roth Gmbh	9592.2	
Rotiphorese Sequencing gel concentrate	Carl Roth Gmbh	3043.1	
Rotiphorese Sequencing gel diluent	Carl Roth Gmbh	3047.1	
Rotiphorese Sequencing gel buffer concentrate	Carl Roth Gmbh	3050.1	
Rotiphorese 10X TBE-buffer	Carl Roth Gmbh	3061.2	
DEPC	Sigma-Aldrich	D5758	
RNAse ExTERMINATOR	Biological Industries	01-895-1B	
Ampicillin	Sigma-Aldrich	A0166	
IPTG	Sigma-Aldrich	I6758	
PMSF	Sigma-Aldrich	P7626	
Lysozyme	Sigma-Aldrich	L7651	
Leupeptine	Sigma-Aldrich	L2884	
Benzonase Nuclease	Novagen, EMD Millipore	70746-3	

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BugBuster protein extraction reagent	Novagen, EMD Millipore	70921-3	
Glutathione-agarose resin	Sigma-Aldrich	G4510	
L-glutathione reduced	Sigma-Aldrich	G4251	
AdoMet	New England Biolabs	B9003	
AdoMet ^{3}H	PerkinElmer, Inc.	NET155250UC	
Scintillation Cocktail	CytoScint	882453	

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