

Materials List for:

Quantification of the Abundance and Charging Levels of Transfer RNAs in *Escherichia coli*

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Materials

Name	Company	Catalog Number	Comments
Urea	Merck	57-13-6	Purity>99%
Polyacrylamide	Serva	79-06-7	
Bis (N,N'-Methylene-bis-acrylamide)	BIO-RAD	161-0201	
Trichloroacetic acid (TCA)	Sigma	76-03-9	
Phenol	Merck	108-95-2	
IPTG			
Glucose			
Sodium Acetate			
EDTA			
Ethanol			
Tris			
Hydrochloric acid			
Sodium Chloride			
NaH ₂ PO ₄			
Sodium Citrate			
SDS			
Herring Sperm DNA	Sigma	100403-24-5	
BSA			
Polivinylpyrrolidone			
Ficoll			
P32 γATP	Perkin Elmer		
DNA oligos (probes)	TAG Copenhagen		
Hybond N ⁺ membrane	GE Healthcare	RPN203B	
Crosslinker			
Electroblotter	BIO-RAD		
Typhoon FLA 7000 Scanner	GE Healthcare	28955809	
Spectrophotometer			
Hybridization oven			
Geiger-Müller tube			
Phosphor imager screen	GE Healthcare		
Hybridization tube			
Culture Flasks			
1.5 ml microcentrifuge tubes			

20 ml centrifuge tubes			
Name	Company	Catalog Number	Comments
Software			
ImageQuant	GE Healthcare		
Excel	Microsoft		