

Materials List for:

Investigation of RNA Synthesis Using 5-Bromouridine Labelling and Immunoprecipitation

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URL: <https://www.jove.com/video/57056>

DOI: [doi:10.3791/57056](https://doi.org/10.3791/57056)

Materials

Name	Company	Catalog Number	Comments
Ribolock Rnase inhibitor	ThermoFisher	EO0381	
Dynabeads M-280 Sheep anti-mouse IgG	Life Technologies	11202D	
α-Bromodeoxyuridine mouse antibody	BD Bioscience	555627	
Nanodrop 1000	Thermo Fisher		Ultraviolet-visible spectrophotometry
Water-Saturated Phenol pH 6.6	ThermoFisher	AM9712	
Phenol:Chloroform:IAA 25:24:1 pH 6.6	ThermoFisher	AM9732	
High Pure RNA isolation Kit	Roche	11828665001	
High Capacity cDNA Reverse Transcription Kit	ThermoFisher	4368814	
Taqman Fast Advanced Master Mix	ThermoFisher	4444557	qPCR Master Mix
Taqman RNA probes	ThermoFisher	SNCA: Hs01103383_m1, 18sRNA: Hs03928985_g1, ACTB: Hs01060665_g1, HMBS: Hs00609296, NADH: Hs01072843_m1	Fluorogenic probes
7500 Fast Real-Time PCR system	Applied Biosystems		
HEK293T cell line	ATCC		
Dulbecco's Modified Eagle's Medium	Lonza	BE12-604F	
Fetal calf serum	Biochrom	S0115	
Penicillin/Streptomycin	Biochrom	A2213	
Hank's buffer			5,3 mM KCl, 0.44 mM KH ₂ PO ₄ , 0.2 mM Na ₂ HPO ₄ and 136.8 mM NaCl pH 6.77, autoclaved.
DEPC-H ₂ O			0.1% diethylpyrocarbonate treated H ₂ O
2xBrU-IP Buffer			40 mM Tris-HCl pH 7.5 and 500 mM NaCl in DEPC H ₂ O
2xBrU-IP+BSA/RNase inhibitor			2xBrU-IP buffer supplemented with 1 µg/µL BSA and 80 U/mL Ribolock
BrU-IP+ 1 mg/mL heparin			2xBrU-IP buffer diluted 1:1 DEPC-H ₂ O and supplemented with 1mg/mL heparin

1xBrU-IP			2xBrU-IP buffer diluted 1:1 in DEPC-H ₂ O and supplemented with 0.5 µg/µL BSA and 20 U/mL Ribolock
Elution buffer			0.1% SDS in RNase-free H ₂ O