

Materials List for:

Metabolic Labeling and Profiling of Transfer RNAs Using Macroarrays

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Materials

Name	Company	Catalog Number	Comments
Glass slide indexing system	V&P Scientific, Inc.	VP 470	
Glass slide arrayer replicator	V&P Scientific, Inc.	VP 478	
96 well microplate indexing system	V&P Scientific, Inc.	VP 472	
Wash and blot station	V&P Scientific, Inc.	VP 475	
Replicator pin dryer	V&P Scientific, Inc.	VP 474	
Amine coated slides	Molecular Devices	K2615	
Hybridizer / Automated hybridization and washing station	Digilab	Hyb10022	
Shaker incubator	Eppendorf Themomixer	05-400-200	
Screw cap 2 ml tubes	Thermo Scientific	21-403-201	
[32P] Na2HPO4	Perkin Elmer	NEX011001MC	
Guanidinium thiocyanate-phenol-chloroform (Trizol)	Invitrogen	15596026	
0.5 mm glass beads	Research Products International Corp.	9831	
Mini bead mill	VWR	25-020	
Storage phosphore screen	Fujifilm	BAS-IP SR 0813	
Phosphorimager	GE Healthcare	Typhoon FLA7000	
DNA oligonucleotides	IDT	N/A	
UV crosslinker	Spectroliner	Select series 254 nm	
Microarray centrifuge	Arrayit Corporation	MHC110V	
<i>Mycobacterium smegmatis</i>	ATCC	700084	
Single-use needles	BD (Becton Dickinson)	305185	
2 ml centrifuge tube	Fisherbrand	14-666-317	
Precipitant (Glucobase)	Invitrogen	AM9516	
7H9 broth	Difco	271310	
Chloroform	Fisher Chemicals	C298-500	
Isopropanol	Fisher Chemicals	A451-4	
20 X SSC	Lonza	51205	
SDS	Fisher Bioreagents	BP166-100	
hybridisation cassette	GE Healthcare	63-0035-44	
Glycerol	Fisher Scientific	BP229-1	
Tween 80	Amresco	M126-100ML	

NaCl	Fisher Scientific	BP358-212	
Albumin	Spectrum Chemicals	A3611	
Dextrose	Fisher Chemicals	D16-1	
EDTA (Ethylenediaminetetraacetic Acid)	Fisher Bioreagents	BP2482-500	
0.5 M Phosphate buffer pH 7.2	Alfa Aesar	AAJ63974AP	