

Materials List for:

Fluorescence Based Primer Extension Technique to Determine Transcriptional Starting Points and Cleavage Sites of RNases *In Vivo*

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Materials

Name	Company	Catalog Number	Comments
AMV Reverse Transcriptase (20-25 U/μl)	NEB / Roche	NEB: M0277-T / Roche: 10109118001	
DNase I (RNase free)	Ambion (life technologies)	AM2222	
FastPrep-24 Instrument	MPBio	116004500	
Fluorescently labeled primers	Biomers	n/a	5' DY-681 modification of "ordinary" DNA oligonucleotides. Compatible dyes such as the LICOR IRDye 700/800 are also available from other suppliers such as IDTdna.
Li-Cor 4200 Sequencer incl. ImagIR Data collection software	Li-Cor		Product discontinued
NanoDrop 2000	Thermo Scientific		
Nuclease free water	Ambion (life technologies)	AM9915G	
Plasmid mini preparation kit	QIAGEN	12125	
RapidGel-XL-40% Concentrate	USB	US75863	
RNA STORAGE BUFFER	Ambion (life technologies)	AM7000	
Roti-Aqua-P/C/I	Carl Roth	X985.3	Alternative: "Acid-Phenol:Chloroform, pH 4.5 (with IAA, 125:24:1)" from Ambion (AM9720)
SUPERase•In RNase Inhibitor	Ambion (life technologies)	AM2696	
Thermo Sequenase fluorescently labelled primer cycle sequencing kit with 7-deaza-dGTP	GE Healthcare	RPN2538	
TRIzol reagent	life technologies	15596-026	
Zirconia/Silica Beads 0.1 mm	BioSpec	11079101z	