

Materials List for:

Methylated RNA Immunoprecipitation Assay to Study m⁵C Modification in Arabidopsis

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Materials

Name	Company	Catalog Number	Comments
anti-m ⁵ C antibody	ZymoResearch	A3001 (discontinued), A3002 available	Clone 10G4 (discontinued), 7D21 available
Chip and reagents for capillary electrophoresis	Agilent	5067-1511	RNA 6000 Nano kit
Dnase	Ambion	AM1907	TURBO DNA-free kit
Co-precipitant of nucleic acids	Ambion	AM9515	Glycoblue, 15 mg/mL
<i>In vitro</i> transcription kit	Promega	P1300	T7 RiboMAX Large Scale RNA Production System
Low-binding reaction tubes	Kisker Biotech	G017	1.7 ml microcentrifuge tubes
Protein G magnetic beads	Invitrogen	10003D	Dynabeads Protein G
Proteinase K	Ambion	AM2546	20mg/mL stock solution, RNA grade
RNase inhibitor	Promega	N2615	RNasin Plus 40 U/μl
rRNA removal kit	Epicentre	RZPL11016	Ribo-Zero rRNA removal kit (Plant leaf)
Sonication tubes	Covaris	520045	microtube AFA Fiber Pre-Slit Snap-Cap 6x16mm
RNA extraction reagent	Ambion	15596018	TRIzol reagent
Equipment			
Capillary electrophoresis machine	Agilent	G2939BA	2100 Bioanalyzer System
Magnetic rack	Invitrogen	12321D	DynaMag-2
Microcentrifuge	Eppendorf	discontinued	5417R model
Rotator	Benchmark	R4040	RotoBot Mini
Sonicator	Covaris	500217	S220 Focused-ultrasonicator
Spectrophotometer	ThermoFisher Scientific	ND-ONEC-W	NanoDrop OneC
Waterbath	GFL	1012	1012 Incubation bath