

Materials List for:

Purification of Transcripts and Metabolites from *Drosophila* Heads

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URL: <https://www.jove.com/video/50245>

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Materials

Name	Company	Catalog Number	Comments
Jazz mix <i>Drosophila</i> food	Fisher Scientific	AS-153	
Cryogenic Vials	Corning, Inc.	430658	
Microtubes	Axygen	MCT-175-C-S	
RNaseZap	Ambion	AM9786	Treat all surfaces
5/32" grinding balls, stainless steel	OPS Diagnostics	GSS 156-5000-01	
TRlzol	Ambion	15596018	
1-bromo-3-chloropropane	Sigma	B9673-200ML	
Isopropanol	Fisher Scientific	A416-500	
DEPC-treated water	Fisher Scientific	BP561-1	
DNase I	Promega	M6101	
RNasin ribonuclease inhibitor	Promega	N2111	
RNeasy Mini Kit	Qiagen	74104	
Dynabeads mRNA Purification kit	Invitrogen	610-06	
Conical Screw Cap Tubes	Fisher Scientific	02-681-344	
Screw Caps w/O-Rings	Fisher Scientific	02-681-364	
2.0 mm Zirconia beads	BioSpec Products	11079124zx	
Methanol, HPLC-grade	Fisher Scientific	A4524	
Chloroform, HPLC-grade	Acros organics	AC39076	
<i>Drosophila</i> Stocks			
da-Gal4	Bloomington Stock Center	5460	
Gal80[ts]	Bloomington Stock Center	7108	
UAS-MJD-27Q	Bloomington Stock Center	8149	
UAS-MJD-78Q	Bloomington Stock Center	8150	
UAS-LacZ	Bloomington Stock Center	8529	
Equipment			
Inject+Matic Sleeper	INJECT+MATIC		
Microsieve Set	Fisher Scientific	3410531	Use two largest meshes
Geno/Grinder 2000	SPEX Sample Prep	SP2100-115	
Sorvall Legend Microcentrifuge	ThermoScientific	75002436	
FreeZone Plus 2.5 L Cascade Freeze Dry System	LabConco	7670041	

BioAnalyzer v. 2.6	Agilent	2100	
DynaMag-2 Magnet	Invitrogen	123-21D	
NanoDrop spectrophotometer	ThermoScientific		
Fast Prep bead-beater	ThermoScientific	FP120	
Centrivap Vacufuge Plus	Labconco	022820001	