

Materials List for

# Measurement of Poly A Tail Length from *Drosophila* Larva Brain and Cell Line

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## Citation

Singh, M., Kim, J.H. Measurement of Poly A Tail Length from *Drosophila* Larva Brain and Cell Line. *J. Vis. Exp.* (2023), e66116, doi:10.3791/66116 (2024).

## Date Published

January 12, 2024

## DOI

10.3791/66116

## URL

jove.com/video/66116

## Materials

Name	Company	Catalog Number	Comments
3-(N-morpholino) propanesulfonic acid (MOPS)	Research Product Internation (RPI)	M92020	
Agilent High Sensitivity DNA Kit	Agilent Technologies	5067-4626	
Agilent software 2100 expert free download demo	Agilent Technologies		<a href="https://www.agilent.com/en/product/automated-electrophoresis/bioanalyzer-systems/bioanalyzer-software/2100-expert-software-228259">https://www.agilent.com/en/product/automated-electrophoresis/bioanalyzer-systems/bioanalyzer-software/2100-expert-software-228259</a>
Apex 100 bp-Low DNA Ladder	Genesee Scientific	19-109	
Bioanalyzer	Agilent 2100 Bioanalyzer G2938C		
Diethyl pyrocarbonate (DEPC)	Research Product Internation (RPI)	D43060	
DNA dye (Gel Loading Dye, Purple (6x))	New England Biolabs	B7024S	
<i>Drosophila</i> S2 cell line	Drosophila Genomics Resource Center stock #181		
<i>Drosophila</i> Schneider's Medium	Thermo Fisher Scientific	21720024	
Ethidium bromide	Genesee scientific	20-276	
Fetal bovine serum (FBS)	Sigma-Aldrich	F4135	
Forceps Dumont 5	Fine Science tools	11254-20	
Nuclease free water	Thermo Fisher Scientific	AM9932	
PBS 10x	Research Product Internation (RPI)	P32200	
Poly(A) Tail-Length Assay Kit	Thermo Fisher Scientific	764551KT	
RiboRuler Low Range RNA Ladder	Thermo Fisher Scientific	SM1833	
RNA Gel Loading Dye (2x)	Thermo Fisher Scientific	R0641	
RNA microprep kit	Zymoresearch	R1050	
RNA miniprep kit	Zymoresearch	R1055	
Scissors-Vannas Spring Scissors - 2.5 mm Cutting Edge	Fine Science tools	15000-08	
TopVision Agarose Tablets	Thermo Fisher Scientific	R2802	
Tris-Acetate-EDTA (TAE)	Thermo Fisher Scientific	B49	