

Optimizing Tear Collection in Mice for mRNA and Protein Analysis

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jove.com/video/66955

Materials

Name	Company	Catalog Number	Comments
2-mercaptoethanol	Gibco	1985023	
2x Laemmli buffer	Bio-Rad	16-0737	
Acetic Acid	Quimica Meyer	64-19-7	
Acrylamide	Sigma-Aldrich	A4058	
Bradford Reagent	Sigma-Aldrich	B6916	
Chloroform	Sigma-Aldrich	1003045143	
Coomassie Blue R 250	US Biological	6104-59-2	
Ethanol	Quimica Rique	64-17-5	
GeneRuler 1kb plus DNA Ladder	Thermofisher scientific	SM1331	
Glycerol	US Biological	G8145	
Glycine	SANTA CRUZ	SC- 29096	
Glycogen	Roche	10901393001	
HCl	Quimica Rique	7647-01-0	
Isopropyl alcohol	Quimica Rique	67-63-0	
Methanol	Quimica Meyer	67-56-1	
Micro tubes 1.5 ml	Axygen	MCT-150-C	
Micro tubes 600 µl	Axygen	MCT-060-C	
NaCl	Sigma-Aldrich	S3014	
PCR tubes & strips	Novasbio	PCR 0104	
Pilocarpine	Sigma-Aldrich	P6503-10g	
Protease inhibitor	Roche	11873580001	
QIAcuity EvaGreen PCR Kit (5mL)	Qiagen	250112	
QIAcuity Nanoplate 26k 24-well (10)	Qiagen	250001	
Real qPlus 2x Master Mix Green	Ampliqon	A323402	
RevertAid First Strad cDNA Synthesis Kit	Thermofisher scientific	K1622	
Schirmer's test strips	Laboratorio Santgar	SANT1553	
SDS	Sigma-Aldrich	L3771	

TEMED	Sigma aldrich	102560430	
TRI reagent	Sigma-Aldrich	T9424-200ML	monophasic solution of phenol and guanidinium isothiocyanate
Tris	US Biological	T8650	
Tris base	Chem Cruz	sc-3715A	