

Materials List for:

# An Allele-specific Gene Expression Assay to Test the Functional Basis of Genetic Associations

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URL: <https://www.jove.com/video/2279>

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## Materials

Name	Company	Catalog Number	Comments
PBS	Sigma-Aldrich	P-4417-100TAB	
SDS	Bio-Rad	161-0416	
NaCl	VWR international	27788.366	
Tris	Sigma-Aldrich	T1503-1KG	
EDTA	Sigma-Aldrich	E5134-500G	
RNase A	Qiagen	19101	
Proteinase K	Sigma-Aldrich	P2308-500MG	
Phenol: chloroform	Sigma-Aldrich	77617	
Chloroform	VWR international	100777C	
Ethanol	Sigma-Aldrich	32221-2.5L	
Trizol	Invitrogen	15596-018	
RNeasy kit	Qiagen	74104	
SuperScript III Reverse Transcriptase	Invitrogen	18080-044	
Immolase Taq	Bioline	BIO-21048	
dNTP	Sigma-Aldrich	DNTP100A	
Exonuclease 1	New England Biolabs	M0293S	
Shrimp Alkaline Phosphatase	GE Healthcare	E70092Z	
SpectroCLEAN resin	Sequenom	10053	
MassEXTEND ddNTP/dNTP mix	Sequenom		Varies according to assay design
MassEXTEND thermosequenase	Sequenom	10052	
<b>Equipment</b>			
Chilled microcentrifuge	Eppendorf		
NanoDrop Spectrophotometer	Thermo Fisher Scientific, Inc.		
SpectroPOINT nanolitre dispenser	Sequenom		
SpectroREADER mass spectrometer	Sequenom		