

Materials List for

# Quantification of Circulating Pig-Specific DNA in the Blood of a Xenotransplantation Model

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jove.com/video/61579

## Materials

Name	Company	Catalog Number	Comments
<a href="#">Agarose</a>	Biowest, Barcelona, Spain	111860	
BamHI-HF	New England Biolabs, Ipswich, Mass, USA	R3136S	
1.5 mL microcentrifuge tube	Axygen Biosciences, Union City, CA, USA	MCT-150-C	
0.2 mL PCR tube	Axygen Biosciences, Union City, CA, USA	PCR-02-C	
C57BL/6 Mice	Medical Animal Center of Guangdong Province, China		8~10 weeks
Centrifuge	Thermo Fisher Scientific, Waltham, MA, USA	Micro 21R	
2-Log DNA Ladder	New England Biolabs, Ipswich, Mass, USA	N3200S	0.1–10.0 kb
Marker I	Tiagen, Beijing, China	MD101-02	0.1–0.6 kb
DNA Mini Column(HiBind DNA Mini Columns)	Omega Bio-tek, Norcross, GA, USA	DNACOL-01	
DNA loading buffer	Solarbio, Beijing, China	D1010	
E.Z.N.A.Plasmid DNA Mini Kit I and E.Z.N.A. Plasmid DNA Mini Kit II	Omega Bio-tek, Norcross, GA, USA	D6942	
D6943			
EcoR I	Takara Bio, Shiga, Japan	1040S	
Female Bama mini pigs	BGI Ark Biotechnology, Shenzhen, China		2~4 months
Genomic DNA Extraction Kit ?	Tiagen, Beijing, China	DP304-02	

SYBR Green Realtime PCR Master Mix	Toyobo, Osaka, Japan	QPK-201	
Gel Doc XR	Bio-Rad, Hercules, USA		
Male cynomolgus monkeys	Guangdong Landau Biotechnology, Guangzhou, China		8 years
Nucleic acid dye(Gelred)	Biotium, Fremont, USA	42003	
polymerase(Premix Taq)	Takara Bio, Shiga, Japan	RR901A	
pMD19-T plasmid	Takara Bio, Shiga, Japan	D102A	
qPCR machine	Applied Biosystems QSDx, Waltham, USA		
Serum/Circulating DNA Extraction Kit	Tiangen, Beijing, China	DP339	
TAE	sangon Biotech, Shanghai, China	B548101	