

Materials List for:

Simultaneous Quantification of T-Cell Receptor Excision Circles (TRECs) and K-Deleting Recombination Excision Circles (KRECs) by Real-time PCR

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Materials

Name	Company	Catalog Number	Comments
Histopaque-1077	Sigma Aldrich SRL	10771-500 ML	density gradient separation method
QIAamp DNA Blood Mini Kit (250)	QIAGEN	51106	DNA extraction
Unmodified DNA Oligonucleotides HPSF 0.01 mmol	Eurofins MWG Operon/Carlo Erba Reagents S.r.l		Resuspend the lyophilized product to 100 pmol/μl
AmpliAq DNA Polymerase: including 10x Buffer II and 25 mM MgCl ₂	Applied Biosystems/Life-Technologies	N8080156	
GeneAmp dNTP Blend (100 mM)	Applied Biosystems/Life-Technologies	N8080261	
TOPO TA Cloning Kit for Subcloning	Invitrogen/Life-Technologies	K4500-01	
XL1-Blue Subcloning Grade Competent Cells	Stratagene	200130	
PureYield Plasmid Miniprep System	Promega	A1223	
SpeI 500U	New England Biolabs	R0133S	
HindIII-HF 10,000 U	New England Biolabs	R3104S	
PureYield Plasmid Midiprep System	Promega	A2492	
XhoI 5,000 U	New England Biolabs	R0146S	
TRIS Utrapure	Sigma Aldrich SRL	T1503	
EDTA	Sigma Aldrich SRL	E5134	
TE buffer (1 mM TRIS and 0.1 mM EDTA)			
TaqMan Universal PCR Master Mix	Applied Biosystems/Life-Technologies	4364338	
Dual labeled probes HPLC 0.01 mmol	Eurofins MWG Operon/Carlo Erba Reagents S.r.l		Resuspend the lyophilized product to 100 pmol/μl
NanoDrop 2000c spectrophotometer	ThermoFisher		
Applied Biosystems 2720 Thermal Cycler	Applied Biosystems/Life-Technologies	4359659	
Fast 7500 Real-Time PCR system	Applied Biosystems/Life-Technologies		
SDS Sequence Detection Software 1.4	Applied Biosystems/Life-Technologies		