

Materials List for:

Detection of Retrotransposition Activity of Hot LINE-1s by Long-Distance Inverse PCR

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Materials

Name	Company	Catalog Number	Comments
1 Kb DNA Ladder	New England Biolabs	N3232L	
10 mM dNTP	ThermoFisher Scientific	18427013	
Acetic acid	ThermoFisher Scientific	64-19-7	Used to make TAE buffer
Agarose	BioNordika	BN-50004	
Blood sample (frozen)			Blood sample from a healthy individual for control PCR
ChemiDoc XRS+ System	Bio-rad	1708265	
DNA Gel Loading Dye (6X)	ThermoFisher Scientific	R0611	
DNeasy Blood & Tissue Kits	Qiagen	69504	
Ethidium Bromide	Bio-rad	161-0433	
Ethylenediaminetetraacetic acid (EDTA)	ThermoFisher Scientific	25102-12-9	Used to make TAE buffer
FastDigest buffer	ThermoFisher Scientific	B64	
FastDigest SacI	ThermoFisher Scientific	FD1133	
Generuler 1 Kb plus DNA Ladder	ThermoFisher Scientific	SM1331	
Generuler Lambda DNA/HindIII Marker, 2	ThermoFisher Scientific	SM0103	
Mini-Sub Cell GT Cell	Bio-rad	1704406	
Phusion Green Hot Start II High-Fidelity DNA Polymerase	ThermoFisher Scientific	F537L	
PowerPac Basic Power Supply	Bio-rad	1645050	
Quantus Fluorometer	Promega	E6150	
T4 DNA Ligase	ThermoFisher Scientific	EL0011	
Tear-A-Way 96/8, 96 Well PCR Plate	4titude	4ti-0750/TA	
Tris(hydroxymethyl)aminomethane	ThermoFisher Scientific	77-86-1	Used to make TAE buffer
Veriti Thermal Cycler	Applied Bioscience	4375786	