

Materials List for:

Detecting the Lyme Disease Spirochete, *Borrelia Burgdorferi*, in Ticks Using Nested PCR

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Materials

Name	Company	Catalog Number	Comments
LabGard Class II, Type A2 biological safety cabinet	Nuaire	ES AIR NU-543	
Razor blades	VWR	55411-050	0.22 mm thickness
Microfuge Tubes (Microtubes 1.5 mL)	Axygen	311-08-051	
AquaGenomic	MultiTarget Pharmaceuticals	2030	DNA extraction reagent
Microtube Pestle	Diamed	DIATEC610-1551	Designed for 1.5 ml tubes
Water bath - Isotemp 202	Fishse Scientific	15-462-2	
Vortex	Labnet	S0100 CAN	
Spectrafuge 24D Digital Microcentrifuge	Labnet	C2400	
Isopropanol	Sigma-Aldrich	190764	
BIS-TRIS	Sigma-Aldrich	B9754	
Primer Synthesis	Sigma-Aldrich	OLIGO	
PCR Cabinet	Misonix	PCR6-482	
PCR tube with attached flat caps 0.2mL	VWR	20170-012	
GoTaq Green Master Mix 2x	Promega	M7123	
Nuclease-free water	Promega	M7123	The water comes with the GTG
Spectrafuge Mini	Labnet	C1301	
SYBR Safe DNA Stain 10,000X Concentration	EDVOTEK	608	
Froggarose LE (Molecular Biology Grade Agarose)	FroggaBio	A87-500G	
GD 100 bp DNA Ladder	FroggaBio	DM001-R500	
Electrophoresis power pack	VWR	VWR 105	EC Apparatus Corporation
Fluor-S MultImager	BioRad	170-7700 (Serial number 433B0154)	
Quantity One 1-D Analysis Software (V. 4.5.2)	BioRad	1709600	