

Materials List for:

An Allelotyping PCR for Identifying *Salmonella enterica* serovars Enteritidis, Hadar, Heidelberg, and Typhimurium

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Materials

Name	Company	Catalog Number	Comments
Luria Bertani	Fisher Scientific		(or any comparable source)
Microfuge tubes	Fisher Scientific	1.5 ml capacity	(or any comparable source)
Ethanol	Fisher Scientific	200 proof	(or any comparable source)
dH ₂ O	Sigma-Aldrich	Molecular Biology Grade	(or any comparable source; PCR only)
10 x PCR Buffer:	Idaho Technologies	20 mM MgCl ₂	(buffer comes with BSA, Ficoll and Tartrazine)
		30 mM MgCl ₂	
		40 mM MgCl ₂	
PCR primers			
DMSO			
dNTP	Roche Group		(or any comparable source)
<i>Taq</i> DNA Polymerase	Denville Scientific		(or any comparable source)
Capillary pipettes	Idaho Technologies	10 µl volume	
Rapid Cycler	Idaho Technologies		
Agarose	Bio-Rad	Low EEO; Molecular Biology Grade	(or any comparable source)
50 X TAE Buffer or 5X TBE Buffer	Fisher Scientific		(or any comparable source)
Ethidium bromide	Bio-Rad		(or any comparable source)
Horizontal, submersible gel electrophoresis chamber with gel mold	Bio-Rad		(or any comparable source)
Power supply	Bio-Rad		(or any comparable source)
Molecular Imager Gel Doc System	Bio-Rad		(or any comparable source)

Table 4. Materials