

Materials List for:

Pyrosequencing for Microbial Identification and Characterization

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Materials

Name	Company	Catalog Number	Comments
PyroMark PCR Master Mix, 2x	Qiagen	978703	
CoralLoad Concentrate, 10x	Qiagen	978703, 978705	
Q-Solution, 5x	Qiagen	978703, 978705	
MgCl ₂ , 25 mM	Qiagen	978703, 978705	
RNase-Free Water	Qiagen	129112	
Primers	Qiagen	978776 or 978777	Primers should be purchased from an established oligonucleotide manufacturer (<i>i.e.</i> QIAGEN Pyromark Custom Assays, IDT, etc). Lyophilized primers should be dissolved in TE to provide a stock solution of 100 µM.
Pyromark Gold Q24 Reagents	Qiagen	970802	
High-purity water (Milli-Q 18.2 MΩ x cm or equivalent)			
Streptavidin Sepharose High Performance Beads	GE Healthcare	17-5113-07	
PyroMark Annealing Buffer	Qiagen	979009	
PyroMark Denaturation Solution	Qiagen	979007	
PyroMark Wash Buffer	Qiagen	979008	
PyroMark Q24	Qiagen	9001514	
PyroMark Q24 Cartridge	Qiagen	979202	
PyroMark Q96 HS Tip Holder Box	Qiagen	979105	
PyroMark Q24 Vacuum Workstation	Qiagen	9001516	
PyroMark Q24 Plate Holder	Qiagen	9022273	
Orbital shaker	Fisher	11-675-297	
Heat block	Fisher	11-718Q	