

Materials List for

Automated, High-Throughput Detection of Bacterial Adherence to Host Cells

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Materials

Name	Company	Catalog Number	Comments
10x PBS	VWR	45001-130	
4',6-diamidino-2-phenylindole (DAPI)	Thermo Fisher	62248	Host cell staining dye
96 well plate	Corning	3882	Half area well, flat clear bottom
A549 cells	ATCC	CCL 185	Mammalian cell line
BactoView Live Red	Biotium	40101	Bacteria staining dye
Centrifuge	Eppendorf	5810R	
CFSE cell division tracker	BioLegend	423801	
Cytation 5	BioTek	Cytation 5	Cell imaging multi-mode reader
E. coli			Laboratory stock
EGM bulletKit	Lonza	CC-3124	HUVEC cell culture medium
EHEC			NIST collections
F-12k medium	ATCC	302004	A549 cell culture medium
Fetal bovine serum	Corning	35-016-CV	
HUVEC			Laboratory stock
L. monocytogenes			NIST collections
OD600 DiluPhotometer	IMPLEN		
P. aeruginosa			Dr. Lori Burrows laboratory stock
P. aeruginosa ΔpilA			Dr. Lori Burrows laboratory stock
S. agalactiae			NIST collections
S. aureus	BEI	NR-46543	
S. aureus ΔsaeR	BEI	NR-48164	
S. rubidaea			NIST collections
Typical soy broth	Growcells	MBPE-4040	