

Materials List for

# Use of Fimbrial Rod for F18ab Fimbriae<sup>+</sup> STEC Colonization to Host Cells

Mingxu Zhou<sup>\*1,2</sup>, Qiangde Duan<sup>\*1,3</sup>, Yang Yang<sup>1,3</sup>, Guoqiang Zhu<sup>1,3</sup><sup>1</sup>College of Veterinary Medicine, Yangzhou University   <sup>2</sup>Institute of Veterinary Immunology & Engineering, Jiangsu Academy of Agricultural Sciences<sup>3</sup>Jiangsu Co-innovation Center for Prevention and Control of Important Animal Infectious Diseases and Zoonoses

\*These authors contributed equally

## Corresponding Authors

**Mingxu Zhou**  
zhourmingxu@outlook.com

**Guoqiang Zhu**  
yzgqzhu@yzu.edu.cn

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## Materials

Name	Company	Catalog Number	Comments
96-well microplate	Corning	3599	adhesion and invasion assay
96-well microplate(Round bottom)	Corning	3799	biofilm formation
crystal violet	Sinopharm Chemical Reagent	71012314	Biofilm staining
dextrose	Sangon Biotech	A610219	Culture broth
Ex Taq	TaKaRa	RR01A	PCR
F12 medium	Gibco	11765062	Cell culture
FeSO <sub>4</sub>	Sangon Biotech	A501386	Culture broth
K <sub>2</sub> HPO <sub>4</sub>	Sinopharm Chemical Reagent	20032116	Culture broth
KH <sub>2</sub> PO <sub>4</sub>	Sinopharm Chemical Reagent	10017608	Culture broth
L-Arabinose	Sangon Biotech	A610071	λ-Red recombination
MgSO <sub>4</sub>	Sinopharm Chemical Reagent	20025117	Culture broth
NaCl	Sinopharm Chemical Reagent	10019308	Culture broth
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	Sinopharm Chemical Reagent	10002917	Culture broth
Micro spectrophotometer	Thermo Fisher	Nano Drop one	Nucleic acid concentration detection
New-born calf serum	Gibco	16010159	Cell culture
Peptone	Sangon Biotech	A505247	Culture broth
PrimeScript RT reagent Kit with gDNA Eraser	TaKaRa	RR047	qPCR
Real-Time PCR	Applied Biosystems	7500 system	qPCR
RPMI1640 medium	Gibco	11875500	Cell culture
Spectrophotometer	Eppendorf	BioSpectrometer	Absorbance detection
Spectrophotometer (96-well microplate)	BioTek	Epoch	Absorbance detection
SYBR Premix Ex Taq II	TaKaRa	RR820	qPCR
Tabletop centrifuge	Thermo Fisher	Micro 17(R)	Centrifugation
thiamine hydrochloride	Sangon Biotech	A500986	Culture broth

Triton X-100	Sangon Biotech	A110694	adhesion and invasion assay
TRIzol	Invitrogen	15596018	RNA isolation
Tryptone	Oxoid	LP0042	Culture broth
Yeast extract	Oxoid	LP0021	Culture broth