

## 1600. FRANCISELLA PERSICA MEDIUM

2x concentrated stock:

L-15 (Leibovitz medium) powder	1 pack
DL-aspartic acid	0.299 g
L-glutamic acid	0.5 g
L-glutamine (200 mM)	10 ml
L-proline	0.3 g
$\alpha$ -ketoglutaric acid	0.299 g
D-glucose	2.239 g
Stock Solution D	1 ml
Vitamin Stock solution	1 ml

Adjust pH to 6.8 with NaOH.

Fill up to 346ml with demineralized water and filter sterilize through 0.2 $\mu$ m filter  
Aliquot 17.3ml into 50ml tubes and store at -20°C.

When ready to use add:

sterile demineralized water	25 ml
tryptose phosphate broth	5 ml
FBS (heat inactivated)	2.5 ml
cholesterol lipid concentrate (250x ) (ThermoFisher Scientific)	200 $\mu$ l

Filter sterilize each tube through 0.2 $\mu$ m filter.

### Stock Solution A (10 ml)

0.02g CoCl 6H<sub>2</sub>O  
0.02g CuSO<sub>4</sub> 5H<sub>2</sub>O  
0.16g MnSO<sub>4</sub> H<sub>2</sub>O  
0.2g ZnSO<sub>4</sub> 7H<sub>2</sub>O

### Stock Solution B (10 ml)

0.02g NaMoO<sub>4</sub> 2H<sub>2</sub>O

### Stock Solution C (10 ml)

0.02g Na<sub>2</sub>SeO<sub>3</sub>

### Stock Solution D (10 ml)

1g Glutathione (reduced)  
1g Ascorbic acid  
0.05g FeSO<sub>4</sub> 7H<sub>2</sub>O  
100 $\mu$ l Stock Solution A  
100 $\mu$ l Stock Solution B  
100 $\mu$ l Stock Solution C

### Vitamin Stock (10 ml)

0.1g p-aminobenzoic acid  
0.05g B<sub>12</sub> vitamin  
0.01g d-Biotin