

1600: FRANCISELLA PERSICA MEDIUM

This recipe contains strain-specific modifications for *Francisella persica* DSM 101678 *

Final pH: 6.8

Final volume: 358 ml

1. 2x concentrated stock:

L-15 powder (Leibovitz medium)	1.000	pack
DL-aspartic acid	0.299	g
L-Glutamic acid	0.500	g
L-Glutamine (200 mM)	10.000	ml
L-Proline	0.300	g
alpha-ketoglutaric acid	0.299	g
D-Glucose	2.239	g
Stock Solution D (10 ml)	1.000	ml
Vitamin Stock (10 ml)	1.000	ml
Demineralized water	346.000	ml

2. Adjust pH to 6.8 with NaOH.

3. When ready to use add:

4. Aliquot 17.3ml into 50ml tubes and store at -20°C.

5. Fill up to 346ml with demineralized water and filter sterilize through 0.2µm filter

Demineralized water (sterile)	25.000	ml
Tryptose-phosphate (broth)	5.000	ml
FBS (heat inactivated)	2.500	ml
cholesterol lipid concentrate (250x, ThermoFisher Scientific)	0.010	µl

6. Filter sterilize each tube through 0.2µm filter.

* Plus 5% CO₂

Stock Solution A (10 ml)

ZnSO ₄ x 7 H ₂ O	0.20	g
MnSO ₄ x 1 H ₂ O	0.16	g
CuSO ₄ x 5 H ₂ O	0.02	g
CoCl ₂ x 6 H ₂ O	0.02	g

Stock Solution B (10 ml)

Na ₂ MoO ₄ x 2 H ₂ O	0.02	g
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Stock Solution C (10 ml)

Na ₂ SeO ₃	0.02	g
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Stock Solution D (10 ml)

Glutathione (reduced)	1.00	g
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Ascorbic acid	1.00	g
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FeSO ₄ x 7 H ₂ O	0.05	g
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Stock Solution A (10 ml)	0.10	ml
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Stock Solution B (10 ml)	0.10	ml
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Stock Solution C (10 ml)	0.10	ml
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Vitamin Stock (10 ml)

Para-aminobenzoic acid	0.10	g
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Vitamin B ₁₂	0.05	g
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D-Biotin	0.01	g
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