

167: SPOROCYTOPHAGA MEDIUM

NaNO ₃	2.00	g
MgSO ₄ x 7 H ₂ O	1.00	g
KCl	0.50	g
FeSO ₄ x 7 H ₂ O	6.00	mg
KH ₂ PO ₄	0.14	g
K ₂ HPO ₄	1.20	g
Yeast extract	0.02	g
Distilled water	1000.00	ml
Agar (optional)	15.00	g/l

1. Adjust pH to 7.2.
2. Place a strip of sterile cellulose filter paper onto an agar plate. Alternatively, place a strip of sterile cellulose filter paper into a culture tube containing 5 ml of medium, thereby leaving 1 - 2 cm of the strip outside of the medium. Inoculate the strain onto the cellulose filter paper. The strain will grow on the cellulose paper only.

For DSM 11118: It is recommended to use the following modified medium for the reactivation of freeze-dried samples: Prepare agar plates of medium 167 by supplementing medium with 1.5% (w/v) agar. Place 4 pieces of sterile cellulose (not nitrocellulose!) filter paper on each agar plate. Suspend freeze-dried content of the inner vial of one ampoule with 0.5 ml of liquid medium 167 and inoculate each piece of the filter paper with 1 large drop of the cell suspension. Alternatively, the strain also grows with 0.1% glucose or 0.1% cellobiose as carbon source.