

1012b: BACTERIOVORAX MEDIUM

Final pH: 7.2

Final volume: 1000 ml

HEPES buffer (SIGMA H3375)	6.00	g
MgCl ₂ x 6 H ₂ O	0.60	g
CaCl ₂ x 2 H ₂ O	0.30	g
Distilled water	1000.00	ml

1. Grow prey bacteria on agar plates using the medium indicated below. Use one plate of a 24-hour-old culture and wash off grown cells in 5 ml sterile water.
2. Prepare HEPES buffer, adjust pH to 7.2, and autoclave. After cooling to room temperature add 5 ml cell suspension of the host organism to 50 ml HEPES buffer and mix. The prey medium suspension should contain approx. 10^7 to 10^9 cells. Inoculate the complete medium immediately after preparation and incubate the suspension with shaking until a decrease in turbidity is visible.

For DSM 116241, DSM 115080: Use as prey bacterium DSM 6125 cultured on agar plates of DSM medium 1.