GRS Genomic DNA Kit – Blood & Cultured Cells

#GK02.0100 (100 preps) | GK02s (trial size, 4 preps)
(FOR RESEARCH ONLY)

SUGGESTED PROTOCOL FOR DNA PURIFICATION FROM BACTERIA

GRAM-NEGATIVE BACTERIA

1) Transfer up to 1x10^9 cultured bacterial cells to a 1.5-ml microcentrifuge tube, centrifuge for 1 minute at 14,000g-16,000g and discard the supernatant
2) Resuspend the bacterial pellet in 200µl of Buffer BC2 and incubate at room temperature for 5 minutes. Proceed with the lysis step of the cultured cell protocol.

GRAM-POSITIVE BACTERIA

Required (and not included):
Lysozyme Buffer = 20mg/ml Lysozyme; 20mM Tris-HCl pH 8.0; 2mM EDTA; 1% Triton X-100
(prepare fresh immediately prior to use)

1) Transfer up to 1x10^9 cultured bacterial cells to a 1.5-ml microcentrifuge tube, centrifuge for 1 minute at 14,000g-16,000g and discard the supernatant
2) Resuspend the bacterial pellet in 200µl of Lysozyme Buffer and incubate at room temperature for 10 minutes. During incubation, invert the tube regularly. Proceed with the lysis step of the cultured cell protocol.