

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 YEAST & FUNGUS

Required (and not included):

Zymolyase or Lyticase

Sorbitol Buffer = 1.2M sorbitol; 10mM CaCl₂; 0.1M Tris-HCl pH 7.5; 35mM β-mercaptoethanol

- 1) Harvest up to 1×10^7 fungus cells by centrifugation for at 5,000g for 10 minutes.
- 2) Discard the supernatant and resuspend the pellet in 600µl of Sorbitol Buffer.
- 3) Add 200U of Zymolyase (or Lyticase) and incubate at 30°C for 30 minutes.
- 4) Harvest spheroplasts by centrifugation at 2,000g for 10minutes. Remove the supernatant and resuspend the pellet in 200µl of Buffer BC2
- 5) Incubate at room temperature for 5 minutes and proceed with the lysis step of the cultured cell protocol.