

Hybridization buffer

Contents

0.525 M NaPi (pH 7.2) [= sodium phosphate buffer]
7 % SDS
1 mM EDTA (pH 8.0)
10 mg/ml BSA [= bovine serum albumin, fraction V, heat shock treated]

For 40 ml

21 ml 1 M NaPi (pH 7.2)
14 ml 20% SDS
5 ml 8 mM EDTA (pH 8.0)
0.4 g BSA
→ bring to 37-42°C to get salts into solution
→ sterile-filter (0.45 μ m syringe filter)

For 20 ml

10.5 ml 1 M NaPi (pH 7.2)
7 ml 20% SDS
2.5 ml 8 mM EDTA (pH 8.0)
0.2 g BSA
→ bring to 37-42°C to get salts into solution
→ sterile-filter (0.45 μ m syringe filter)

BSA - Fisher BioReagents: BP1600