

Tube #	Precipitant	Tube #	Buffer ◇	Tube #	Polyamine	Tube #	Monovalent Ion	Tube #	Divalent Ion
1.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	1.	0.040 M Sodium cacodylate trihydrate pH 5.5	1.	0.020 M Hexamine cobalt(III) chloride	1.	None	1.	0.020 M Magnesium chloride hexahydrate
2.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	2.	0.040 M Sodium cacodylate trihydrate pH 5.5	2.	0.020 M Hexamine cobalt(III) chloride	2.	0.080 M Sodium chloride	2.	0.020 M Magnesium chloride hexahydrate
3.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	3.	0.040 M Sodium cacodylate trihydrate pH 5.5	3.	0.020 M Hexamine cobalt(III) chloride	3.	0.012 M Sodium chloride, 0.080 M Potassium chloride	3.	None
4.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	4.	0.040 M Sodium cacodylate trihydrate pH 5.5	4.	0.020 M Hexamine cobalt(III) chloride	4.	0.040 M Lithium chloride	4.	0.020 M Magnesium chloride hexahydrate
5.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	5.	0.040 M Sodium cacodylate trihydrate pH 6.0	5.	0.012 M Spermine tetrahydrochloride	5.	0.080 M Potassium chloride	5.	0.020 M Magnesium chloride hexahydrate
6.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	6.	0.040 M Sodium cacodylate trihydrate pH 6.0	6.	0.012 M Spermine tetrahydrochloride	6.	0.080 M Potassium chloride	6.	None
7.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	7.	0.040 M Sodium cacodylate trihydrate pH 6.0	7.	0.012 M Spermine tetrahydrochloride	7.	0.080 M Sodium chloride	7.	0.020 M Magnesium chloride hexahydrate
8.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	8.	0.040 M Sodium cacodylate trihydrate pH 6.0	8.	0.012 M Spermine tetrahydrochloride	8.	0.080 M Sodium chloride	8.	None
9.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	9.	0.040 M Sodium cacodylate trihydrate pH 6.0	9.	0.012 M Spermine tetrahydrochloride	9.	0.080 M Sodium chloride, 0.012 M Potassium chloride	9.	0.020 M Magnesium chloride hexahydrate
10.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	10.	0.040 M Sodium cacodylate trihydrate pH 6.0	10.	0.012 M Spermine tetrahydrochloride	10.	0.012 M Sodium chloride, 0.080 M Potassium chloride	10.	None
11.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	11.	0.040 M Sodium cacodylate trihydrate pH 6.0	11.	0.012 M Spermine tetrahydrochloride	11.	0.080 M Sodium chloride	11.	0.020 M Barium chloride
12.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	12.	0.040 M Sodium cacodylate trihydrate pH 6.0	12.	0.012 M Spermine tetrahydrochloride	12.	0.080 M Potassium chloride	12.	0.020 M Barium chloride
13.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	13.	0.040 M Sodium cacodylate trihydrate pH 6.0	13.	0.012 M Spermine tetrahydrochloride	13.	None	13.	0.080 M Strontium chloride hexahydrate
14.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	14.	0.040 M Sodium cacodylate trihydrate pH 7.0	14.	0.012 M Spermine tetrahydrochloride	14.	0.080 M Potassium chloride	14.	0.020 M Magnesium chloride hexahydrate
15.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	15.	0.040 M Sodium cacodylate trihydrate pH 7.0	15.	0.012 M Spermine tetrahydrochloride	15.	0.080 M Potassium chloride	15.	None
16.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	16.	0.040 M Sodium cacodylate trihydrate pH 7.0	16.	0.012 M Spermine tetrahydrochloride	16.	0.080 M Sodium chloride	16.	0.020 M Magnesium chloride hexahydrate
17.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	17.	0.040 M Sodium cacodylate trihydrate pH 7.0	17.	0.012 M Spermine tetrahydrochloride	17.	0.080 M Sodium chloride	17.	None
18.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	18.	0.040 M Sodium cacodylate trihydrate pH 7.0	18.	0.012 M Spermine tetrahydrochloride	18.	0.080 M Sodium chloride, 0.012 M Potassium chloride	18.	0.020 M Magnesium chloride hexahydrate
19.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	19.	0.040 M Sodium cacodylate trihydrate pH 7.0	19.	0.012 M Spermine tetrahydrochloride	19.	0.012 M Sodium chloride, 0.080 M Potassium chloride	19.	None
20.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	20.	0.040 M Sodium cacodylate trihydrate pH 7.0	20.	0.012 M Spermine tetrahydrochloride	20.	0.080 M Sodium chloride	20.	0.020 M Barium chloride
21.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	21.	0.040 M Sodium cacodylate trihydrate pH 7.0	21.	0.012 M Spermine tetrahydrochloride	21.	0.080 M Potassium chloride	21.	0.020 M Barium chloride
22.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	22.	0.040 M Sodium cacodylate trihydrate pH 7.0	22.	0.012 M Spermine tetrahydrochloride	22.	0.040 M Lithium chloride	22.	0.080 M Strontium chloride hexahydrate, 0.020 M Magnesium chloride hexahydrate
23.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	23.	0.040 M Sodium cacodylate trihydrate pH 7.0	23.	0.012 M Spermine tetrahydrochloride	23.	0.040 M Lithium chloride	23.	0.080 M Strontium chloride hexahydrate
24.	10% v/v (+/-)-2-Methyl-2,4-pentanediol	24.	0.040 M Sodium cacodylate trihydrate pH 7.0	24.	0.012 M Spermine tetrahydrochloride	24.	None	24.	0.080 M Strontium chloride hexahydrate, 0.020 M Magnesium chloride hexahydrate

**Nucleic Acid Mini Screen contains twenty-four unique reagents.
To determine the formulation of each reagent, simply read across the page.**