

Nucleic Acid Mini Screen (HR2-118) - Scoring Sheet

Sample:	1 Clear Drop	
Buffer:	2 Phase Separation	
Reservoir Volume:	3 Regular Granular Precipitate	
Drop:	4 Birefringent Precipitate	
Temperature:	5 Spherulites	
Drop:		
Temperature:	Date	Date
1. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 5.5, 20 mM Hexamine cobalt(III) chloride, 20 mM Magnesium chloride hexahydrate		
2. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 5.5, 20 mM Hexamine cobalt(III) chloride, 80 mM Sodium chloride, 20 mM Magnesium chloride hexahydrate		
3. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 5.5, 20 mM Hexamine cobalt(III) chloride, 12 mM Sodium chloride, 80 mM Potassium chloride		
4. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 5.5, 20 mM Hexamine cobalt(III) chloride, 40 mM Lithium chloride, 20 mM Magnesium chloride hexahydrate		
5. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Potassium chloride, 20 mM Magnesium chloride hexahydrate		
6. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Potassium chloride		
7. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride, 20 mM Magnesium chloride hexahydrate		
8. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride		
9. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride, 12 mM Potassium chloride, 20 mM Magnesium chloride hexahydrate		
10. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 12 mM Sodium chloride, 80 mM Potassium chloride		
11. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride, 20 mM Barium chloride		

12. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Potassium chloride, 20 mM Barium chloride		
13. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 6.0, 12 mM Spermine tetrahydrochloride, 80 mM Strontium chloride		
14. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Potassium chloride, 20 mM Magnesium chloride hexahydrate		
15. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Potassium chloride		
16. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride, 20 mM Magnesium chloride hexahydrate		
17. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride		
18. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride, 12 mM Potassium chloride, 20 mM Magnesium chloride hexahydrate		
19. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 12 mM Sodium chloride, 80 mM Potassium chloride		
20. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Sodium chloride, 20 mM Barium chloride		
21. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Potassium chloride, 20 mM Barium chloride		
22. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 40 mM Lithium chloride, 80 mM Strontium chloride, 20 mM Magnesium chloride hexahydrate		
23. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 40 mM Lithium chloride, 80 mM Strontium chloride		
24. 10% v/v (+/-)-2-Methyl-2,4-pentanediol, 40 mM Sodium cacodylate trihydrate pH 7.0, 12 mM Spermine tetrahydrochloride, 80 mM Strontium chloride, 20 mM Magnesium chloride hexahydrate		

6 Needles 1D

7 Plates 2D

8 Xtal <0.2 mm

9 Xtal >0.2 mm

Date

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15 JULY 2004

[illegible]