

Nucleic Acid Mini Screen Formulation
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Reagent #	[Ppt 1] units	[Ppt 1] units	Precipitant 1	[Buffer] units	[Buffer] units	Buffer	pH	[Polyamine] units	[Polyamine] units
1	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	5.5	20 mM			
2	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	5.5	20 mM			
3	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	5.5	20 mM			
4	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	5.5	20 mM			
5	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
6	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
7	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
8	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
9	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
10	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
11	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
12	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
13	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	6.0	12 mM			
14	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
15	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
16	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
17	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
18	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
19	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
20	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
21	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
22	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
23	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			
24	10 % v/v	(+/-)-2-Methyl-2,4-pentanediol	40 mM	Sodium cacodylate trihydrate	7.0	12 mM			

Polyamine	[Monovalent Ion 1] units	Monovalent Ion 1	[Monovalent Ion 2] units	[Monovalent Ion 2]
Hexamine cobalt(III) chloride				
Hexamine cobalt(III) chloride	80 mM	Sodium chloride		
Hexamine cobalt(III) chloride	12 mM	Sodium chloride	80 mM	
Hexamine cobalt(III) chloride	40 mM	Lithium chloride		
Spermine tetrahydrochloride	80 mM	Potassium chloride		
Spermine tetrahydrochloride	80 mM	Potassium chloride		
Spermine tetrahydrochloride	80 mM	Sodium chloride		
Spermine tetrahydrochloride	80 mM	Sodium chloride		
Spermine tetrahydrochloride	80 mM	Sodium chloride	12 mM	
Spermine tetrahydrochloride	12 mM	Sodium chloride	80 mM	
Spermine tetrahydrochloride	80 mM	Sodium chloride		
Spermine tetrahydrochloride	80 mM	Potassium chloride		
Spermine tetrahydrochloride				
Spermine tetrahydrochloride	80 mM	Potassium chloride		
Spermine tetrahydrochloride	80 mM	Potassium chloride		
Spermine tetrahydrochloride	80 mM	Sodium chloride		
Spermine tetrahydrochloride	80 mM	Sodium chloride		
Spermine tetrahydrochloride	80 mM	Sodium chloride	12 mM	
Spermine tetrahydrochloride	12 mM	Sodium chloride	80 mM	
Spermine tetrahydrochloride	80 mM	Sodium chloride		
Spermine tetrahydrochloride	80 mM	Potassium chloride		
Spermine tetrahydrochloride	40 mM	Lithium chloride		
Spermine tetrahydrochloride	40 mM	Lithium chloride		
Spermine tetrahydrochloride				

Monovalent Ion 2	[Divalent Ion 1] units	Divalent Ion 1	[Divalent Ion 2]	[Divalent Ion 2] units
Potassium chloride	20 mM	Magnesium chloride hexahydrate		
	20 mM	Magnesium chloride hexahydrate		
	20 mM	Magnesium chloride hexahydrate		
	20 mM	Magnesium chloride hexahydrate		
Potassium chloride	20 mM	Magnesium chloride hexahydrate		
Potassium chloride	20 mM	Barium chloride		
	20 mM	Barium chloride		
	80 mM	Strontium chloride		
	20 mM	Magnesium chloride hexahydrate		
	20 mM	Magnesium chloride hexahydrate		
Potassium chloride	20 mM	Magnesium chloride hexahydrate		
Potassium chloride	20 mM	Barium chloride		
	20 mM	Barium chloride		
	80 mM	Strontium chloride	20 mM	
	80 mM	Strontium chloride		
	80 mM	Strontium chloride	20 mM	

Divalent Ion 2

Magnesium chloride hexahydrate

Magnesium chloride hexahydrate