

Well #	Salt	Well #	Buffer ◇
1. (A1)	1.8 M Sodium acetate trihydrate pH 7.0	1. (A1)	0.1 M BIS-TRIS propane pH 7.0
2. (A2)	2.8 M Sodium acetate trihydrate pH 7.0	2. (A2)	0.1 M BIS-TRIS propane pH 7.0
3. (A3)	1.5 M Ammonium chloride	3. (A3)	0.1 M Sodium acetate trihydrate pH 4.6
4. (A4)	1.5 M Ammonium chloride	4. (A4)	0.1 M BIS-TRIS propane pH 7.0
5. (A5)	1.5 M Ammonium chloride	5. (A5)	0.1 M Tris pH 8.5
6. (A6)	3.5 M Ammonium chloride	6. (A6)	0.1 M Sodium acetate trihydrate pH 4.6
7. (A7)	3.5 M Ammonium chloride	7. (A7)	0.1 M BIS-TRIS propane pH 7.0
8. (A8)	3.5 M Ammonium chloride	8. (A8)	0.1 M Tris pH 8.5
9. (A9)	2.2 M Sodium chloride	9. (A9)	0.1 M Sodium acetate trihydrate pH 4.6
10. (A10)	2.2 M Sodium chloride	10. (A10)	0.1 M BIS-TRIS propane pH 7.0
11. (A11)	2.2 M Sodium chloride	11. (A11)	0.1 M Tris pH 8.5
12. (A12)	3.2 M Sodium chloride	12. (A12)	0.1 M Sodium acetate trihydrate pH 4.6
13. (B1)	3.2 M Sodium chloride	13. (B1)	0.1 M BIS-TRIS propane pH 7.0
14. (B2)	3.2 M Sodium chloride	14. (B2)	0.1 M Tris pH 8.5
15. (B3)	1.0 M Ammonium citrate dibasic	15. (B3)	0.1 M Sodium acetate trihydrate pH 4.6
16. (B4)	1.8 M Ammonium citrate dibasic	16. (B4)	0.1 M Sodium acetate trihydrate pH 4.6
17. (B5)	1.0 M Ammonium citrate tribasic pH 7.0	17. (B5)	0.1 M BIS-TRIS propane pH 7.0
18. (B6)	2.0 M Ammonium citrate tribasic pH 7.0	18. (B6)	0.1 M BIS-TRIS propane pH 7.0
19. (B7)	0.7 M Sodium citrate tribasic dihydrate	19. (B7)	0.1 M BIS-TRIS propane pH 7.0
20. (B8)	0.7 M Sodium citrate tribasic dihydrate	20. (B8)	0.1 M Tris pH 8.5
21. (B9)	1.2 M Sodium citrate tribasic dihydrate	21. (B9)	0.1 M BIS-TRIS propane pH 7.0
22. (B10)	1.2 M Sodium citrate tribasic dihydrate	22. (B10)	0.1 M Tris pH 8.5
23. (B11)	0.4 M Magnesium formate dihydrate	23. (B11)	0.1 M Sodium acetate trihydrate pH 4.6
24. (B12)	0.4 M Magnesium formate dihydrate	24. (B12)	0.1 M BIS-TRIS propane pH 7.0
25. (C1)	0.4 M Magnesium formate dihydrate	25. (C1)	0.1 M Tris pH 8.5
26. (C2)	0.7 M Magnesium formate dihydrate	26. (C2)	0.1 M BIS-TRIS propane pH 7.0
27. (C3)	2.0 M Sodium formate	27. (C3)	0.1 M Sodium acetate trihydrate pH 4.6
28. (C4)	2.0 M Sodium formate	28. (C4)	0.1 M BIS-TRIS propane pH 7.0
29. (C5)	2.0 M Sodium formate	29. (C5)	0.1 M Tris pH 8.5
30. (C6)	3.5 M Sodium formate	30. (C6)	0.1 M Sodium acetate trihydrate pH 4.6
31. (C7)	3.5 M Sodium formate	31. (C7)	0.1 M BIS-TRIS propane pH 7.0
32. (C8)	3.5 M Sodium formate	32. (C8)	0.1 M Tris pH 8.5
33. (C9)	1.2 M DL-Malic acid pH 7.0	33. (C9)	0.1 M BIS-TRIS propane pH 7.0
34. (C10)	2.2 M DL-Malic acid pH 7.0	34. (C10)	0.1 M BIS-TRIS propane pH 7.0
35. (C11)	1.4 M Sodium malonate pH 7.0	35. (C11)	0.1 M BIS-TRIS propane pH 7.0
36. (C12)	2.4 M Sodium malonate pH 7.0	36. (C12)	0.1 M BIS-TRIS propane pH 7.0
37. (D1)	2.5 M Ammonium nitrate	37. (D1)	0.1 M Sodium acetate trihydrate pH 4.6
38. (D2)	2.5 M Ammonium nitrate	38. (D2)	0.1 M BIS-TRIS propane pH 7.0
39. (D3)	2.5 M Ammonium nitrate	39. (D3)	0.1 M Tris pH 8.5
40. (D4)	6.0 M Ammonium nitrate	40. (D4)	0.1 M Sodium acetate trihydrate pH 4.6
41. (D5)	6.0 M Ammonium nitrate	41. (D5)	0.1 M BIS-TRIS propane pH 7.0
42. (D6)	6.0 M Ammonium nitrate	42. (D6)	0.1 M Tris pH 8.5
43. (D7)	1.5 M Sodium nitrate	43. (D7)	0.1 M Sodium acetate trihydrate pH 4.6
44. (D8)	1.5 M Sodium nitrate	44. (D8)	0.1 M BIS-TRIS propane pH 7.0
45. (D9)	1.5 M Sodium nitrate	45. (D9)	0.1 M Tris pH 8.5
46. (D10)	4.0 M Sodium nitrate	46. (D10)	0.1 M Sodium acetate trihydrate pH 4.6
47. (D11)	4.0 M Sodium nitrate	47. (D11)	0.1 M BIS-TRIS propane pH 7.0
48. (D12)	4.0 M Sodium nitrate	48. (D12)	0.1 M Tris pH 8.5

◇ Buffer pH is that of a 1.0 M stock prior to dilution with other reagent components: pH with HCl or NaOH.

SaltRx HT (Deep Well Block) contains ninety-six unique reagents beginning at position A1. To determine the formulation of each reagent, simply read across the page.

Well #	Salt	Well #	Buffer ◇
49.(E1)	1.0 M Ammonium phosphate monobasic	49.(E1)	0.1 M Sodium acetate trihydrate pH 4.6
50.(E2)	1.8 M Ammonium phosphate monobasic	50.(E2)	0.1 M Sodium acetate trihydrate pH 4.6
51.(E3)	1.5 M Ammonium phosphate dibasic	51.(E3)	0.1 M Tris pH 8.5
52.(E4)	2.4 M Ammonium phosphate dibasic	52.(E4)	0.1 M Tris pH 8.5
53.(E5)	1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 5.0	53.(E5)	None
54.(E6)	1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 6.9	54.(E6)	None
55.(E7)	1.0 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 8.2	55.(E7)	None
56.(E8)	1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 5.0	56.(E8)	None
57.(E9)	1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 6.9	57.(E9)	None
58.(E10)	1.8 M Sodium phosphate monobasic monohydrate, Potassium phosphate dibasic / pH 8.2	58.(E10)	None
59.(E11)	0.5 M Succinic acid pH 7.0	59.(E11)	0.1 M BIS-TRIS propane pH 7.0
60.(E12)	1.0 M Succinic acid pH 7.0	60.(E12)	0.1 M BIS-TRIS propane pH 7.0
61.(F1)	1.5 M Ammonium sulfate	61.(F1)	0.1 M Sodium acetate trihydrate pH 4.6
62.(F2)	1.5 M Ammonium sulfate	62.(F2)	0.1 M BIS-TRIS propane pH 7.0
63.(F3)	1.5 M Ammonium sulfate	63.(F3)	0.1 M Tris pH 8.5
64.(F4)	2.5 M Ammonium sulfate	64.(F4)	0.1 M Sodium acetate trihydrate pH 4.6
65.(F5)	2.5 M Ammonium sulfate	65.(F5)	0.1 M BIS-TRIS propane pH 7.0
66.(F6)	2.5 M Ammonium sulfate	66.(F6)	0.1 M Tris pH 8.5
67.(F7)	0.8 M Lithium sulfate monohydrate	67.(F7)	0.1 M Sodium acetate trihydrate pH 4.6
68.(F8)	0.8 M Lithium sulfate monohydrate	68.(F8)	0.1 M BIS-TRIS propane pH 7.0
69.(F9)	0.8 M Lithium sulfate monohydrate	69.(F9)	0.1 M Tris pH 8.5
70.(F10)	1.5 M Lithium sulfate monohydrate	70.(F10)	0.1 M Sodium acetate trihydrate pH 4.6
71.(F11)	1.5 M Lithium sulfate monohydrate	71.(F11)	0.1 M BIS-TRIS propane pH 7.0
72.(F12)	1.5 M Lithium sulfate monohydrate	72.(F12)	0.1 M Tris pH 8.5
73.(G1)	1.0 M Magnesium sulfate hydrate	73.(G1)	0.1 M Sodium acetate trihydrate pH 4.6
74.(G2)	1.0 M Magnesium sulfate hydrate	74.(G2)	0.1 M BIS-TRIS propane pH 7.0
75.(G3)	1.0 M Magnesium sulfate hydrate	75.(G3)	0.1 M Tris pH 8.5
76.(G4)	1.8 M Magnesium sulfate hydrate	76.(G4)	0.1 M Sodium acetate trihydrate pH 4.6
77.(G5)	1.8 M Magnesium sulfate hydrate	77.(G5)	0.1 M BIS-TRIS propane pH 7.0
78.(G6)	1.8 M Magnesium sulfate hydrate	78.(G6)	0.1 M Tris pH 8.5
79.(G7)	0.7 M Ammonium tartrate dibasic	79.(G7)	0.1 M Sodium acetate trihydrate pH 4.6
80.(G8)	0.7 M Ammonium tartrate dibasic	80.(G8)	0.1 M BIS-TRIS propane pH 7.0
81.(G9)	0.7 M Ammonium tartrate dibasic	81.(G9)	0.1 M Tris pH 8.5
82.(G10)	1.0 M Ammonium tartrate dibasic	82.(G10)	0.1 M Sodium acetate trihydrate pH 4.6
83.(G11)	1.3 M Ammonium tartrate dibasic	83.(G11)	0.1 M BIS-TRIS propane pH 7.0
84.(G12)	1.4 M Ammonium tartrate dibasic	84.(G12)	0.1 M Tris pH 8.5
85.(H1)	0.6 M Potassium sodium tartrate tetrahydrate	85.(H1)	0.1 M BIS-TRIS propane pH 7.0
86.(H2)	1.2 M Potassium sodium tartrate tetrahydrate	86.(H2)	0.1 M BIS-TRIS propane pH 7.0
87.(H3)	0.6 M Potassium sodium tartrate tetrahydrate	87.(H3)	0.1 M Tris pH 8.5
88.(H4)	1.2 M Potassium sodium tartrate tetrahydrate	88.(H4)	0.1 M Tris pH 8.5
89.(H5)	0.5 M Potassium thiocyanate	89.(H5)	0.1 M Sodium acetate trihydrate pH 4.6
90.(H6)	0.5 M Potassium thiocyanate	90.(H6)	0.1 M BIS-TRIS propane pH 7.0
91.(H7)	0.5 M Potassium thiocyanate	91.(H7)	0.1 M Tris pH 8.5
92.(H8)	4.0 M Ammonium acetate	92.(H8)	0.1 M Sodium acetate trihydrate pH 4.6
93.(H9)	4.0 M Ammonium acetate	93.(H9)	0.1 M BIS-TRIS propane pH 7.0
94.(H10)	4.0 M Ammonium acetate	94.(H10)	0.1 M Tris pH 8.5
95.(H11)	35% v/v Tacsimate pH 7.0	95.(H11)	0.1 M BIS-TRIS propane pH 7.0
96.(H12)	60% v/v Tacsimate pH 7.0	96.(H12)	0.1 M BIS-TRIS propane pH 7.0

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