

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

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

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