

Sample: _____ **Sample Concentration:** _____
Sample Buffer: _____ **Date:** _____
Reservoir Volume: _____ **Temperature:** _____
Drop Volume: Total _____ **μ l** **Sample** _____ **μ l** **Reservoir** _____ **μ l** **Additive** _____ **μ l**

- | | |
|--|--|
| 1 Clear Drop | 5 Posettes or Spherulites |
| 2 Phase Separation | 6 Needles (1D Growth) |
| 3 Regular Granular Precipitate | 7 Plates (2D Growth) |
| 4 Birefringent Precipitate or Microcrystals | 8 Single Crystals (3D Growth < 0.2mm) |
| | 9 Single Crystals (3D Growth > 0.2mm) |



SaltRx HT - Scoring Sheet		Date:	Date:	Date:	Date:	Date:
A1.	0.1 M Bis-Tris Propane pH 7.0, 1.8 M Sodium Acetate pH 7.0					
A2.	0.1 M Bis-Tris Propane pH 7.0, 2.8 M Sodium Acetate pH 7.0					
A3.	0.1 M Sodium Acetate pH 4.6, 1.5 M Ammonium Chloride					
A4.	0.1 M Bis-Tris Propane pH 7.0, 1.5 M Ammonium Chloride					
A5.	0.1 M Tris pH 8.5, 1.5 M Ammonium Chloride					
A6.	0.1 M Sodium Acetate pH 4.6, 3.5 M Ammonium Chloride					
A7.	0.1 M Bis-Tris Propane pH 7.0, 3.5 M Ammonium Chloride					
A8.	0.1 M Tris pH 8.5, 3.5 M Ammonium Chloride					
A9.	0.1 M Sodium Acetate pH 4.6, 2.2 M Sodium Chloride					
A10.	0.1 M Bis-Tris Propane pH 7.0, 2.2 M Sodium Chloride					
A11.	0.1 M Tris pH 8.5, 2.2 M Sodium Chloride					
A12.	0.1 M Sodium Acetate pH 4.6, 3.2 M Sodium Chloride					
B1.	0.1 M Bis-Tris Propane pH 7.0, 3.2 M Sodium Chloride					
B2.	0.1 M Tris pH 8.5, 3.2 M Sodium Chloride					
B3.	0.1 M Sodium Acetate pH 4.6, 1.0 M di-Ammonium hydrogen Citrate					
B4.	0.1 M Sodium Acetate pH 4.6, 1.8 M di-Ammonium hydrogen Citrate					
B5.	0.1 M Bis-Tris Propane pH 7.0, 1.0 M tri-Ammonium Citrate pH 7.0					
B6.	0.1 M Bis-Tris Propane pH 7.0, 2.0 M tri-Ammonium Citrate pH 7.0					
B7.	0.1 M Bis-Tris Propane pH 7.0, 0.7 M tri-Sodium Citrate dihydrate					
B8.	0.1 M Tris pH 8.5, 0.7 M tri-Sodium Citrate dihydrate					
B9.	0.1 M Bis-Tris Propane pH 7.0, 1.2 M tri-Sodium Citrate dihydrate					
B10.	0.1 M Tris pH 8.5, 1.2 M tri-Sodium Citrate dihydrate					
B11.	0.1 M Sodium Acetate pH 4.6, 0.4 M Magnesium Formate					
B12.	0.1 M Bis-Tris Propane pH 7.0, 0.4 M Magnesium Formate					
C1.	0.1 M Tris pH 8.5, 0.4 M Magnesium Formate					
C2.	0.1 M Bis-Tris Propane pH 7.0, 0.7 M Magnesium Formate					
C3.	0.1 M Sodium Acetate pH 4.6, 2.0 M Sodium Formate					
C4.	0.1 M Bis-Tris Propane pH 7.0, 2.0 M Sodium Formate					
C5.	0.1 M Tris pH 8.5, 2.0 M Sodium Formate					
C6.	0.1 M Sodium Acetate pH 4.6, 3.5 M Sodium Formate					
C7.	0.1 M Bis-Tris Propane pH 7.0, 3.5 M Sodium Formate					
C8.	0.1 M Tris pH 8.5, 3.5 M Sodium Formate					
C9.	0.1 M Bis-Tris Propane pH 7.0, 1.2 M DL-Malic Acid pH 7.0					
C10.	0.1 M Bis-Tris Propane pH 7.0, 2.2 M DL-Malic Acid pH 7.0					
C11.	0.1 M Bis-Tris Propane pH 7.0, 1.4 M Sodium Malonate pH 7.0					
C12.	0.1 M Bis-Tris Propane pH 7.0, 2.4 M Sodium Malonate pH 7.0					
D1.	0.1 M Sodium Acetate pH 4.6, 2.5 M Ammonium Nitrate					
D2.	0.1 M Bis-Tris Propane pH 7.0, 2.5 M Ammonium Nitrate					
D3.	0.1 M Tris pH 8.5, 2.5 M Ammonium Nitrate					
D4.	0.1 M Sodium Acetate pH 4.6, 6.0 M Ammonium Nitrate					
D5.	0.1 M Bis-Tris Propane pH 7.0, 6.0 M Ammonium Nitrate					
D6.	0.1 M Tris pH 8.5, 6.0 M Ammonium Nitrate					
D7.	0.1 M Sodium Acetate pH 4.6, 1.5 M Sodium Nitrate					
D8.	0.1 M Bis-Tris Propane pH 7.0, 1.5 M Sodium Nitrate					
D9.	0.1 M Tris pH 8.5, 1.5 M Sodium Nitrate					
D10.	0.1 M Sodium Acetate pH 4.6, 4.0 M Sodium Nitrate					
D11.	0.1 M Bis-Tris Propane pH 7.0, 4.0 M Sodium Nitrate					
D12.	0.1 M Tris pH 8.5, 4.0 M Sodium Nitrate					

27632 El Lazo Road, Suite 100
 Laguna Niguel, CA 92677-3913 U.S.A.
 Tel: (949) 425-1321 • Fax: (949) 425-1611
 e-mail: tech@hmail.com
 Internet: <http://www.hamptonresearch.com>

Sample: _____ **Sample Concentration:** _____
Sample Buffer: _____ **Date:** _____
Reservoir Volume: _____ **Temperature:** _____
Drop Volume: Total _____ **μ l** **Sample** _____ **μ l** **Reservoir** _____ **μ l** **Additive** _____ **μ l**

- | | |
|---|---------------------------------------|
| 1 Clear Drop | 5 Posettes or Spherulites |
| 2 Phase Separation | 6 Needles (1D Growth) |
| 3 Regular Granular Precipitate | 7 Plates (2D Growth) |
| 4 Birefringent Precipitate or Microcrystals | 8 Single Crystals (3D Growth < 0.2mm) |
| | 9 Single Crystals (3D Growth > 0.2mm) |



SaltRx HT - Scoring Sheet		Date:	Date:	Date:	Date:	Date:
E1.	0.1 M Sodium Acetate pH 4.6, 1.0 M Ammonium dihydrogen Phosphate					
E2.	0.1 M Sodium Acetate pH 4.6, 1.8 M Ammonium dihydrogen Phosphate					
E3.	0.1 M Tris pH 8.5, 1.5 M di-Ammonium hydrogen Phosphate					
E4.	0.1 M Tris pH 8.5, 2.4 M di-Ammonium hydrogen Phosphate					
E5.	1.0 M Sodium/Potassium Phosphate pH 5.0					
E6.	1.0 M Sodium/Potassium Phosphate pH 6.9					
E7.	1.0 M Sodium/Potassium Phosphate pH 8.2					
E8.	1.8 M Sodium/Potassium Phosphate pH 5.0					
E9.	1.8 M Sodium/Potassium Phosphate pH 6.9					
E10.	1.8 M Sodium/Potassium Phosphate pH 8.2					
E11.	0.1 M Bis-Tris Propane pH 7.0, 0.5 M Sodium Succinate pH 7.0					
E12.	0.1 M Bis-Tris Propane pH 7.0, 1.0 M Sodium Succinate pH 7.0					
F1.	0.1 M Sodium Acetate pH 4.6, 1.5 M Ammonium Sulfate					
F2.	0.1 M Bis-Tris Propane pH 7.0, 1.5 M Ammonium Sulfate					
F3.	0.1 M Tris pH 8.5, 1.5 M Ammonium Sulfate					
F4.	0.1 M Sodium Acetate pH 4.6, 2.5 M Ammonium Sulfate					
F5.	0.1 M Bis-Tris Propane pH 7.0, 2.5 M Ammonium Sulfate					
F6.	0.1 M Tris pH 8.5, 2.5 M Ammonium Sulfate					
F7.	0.1 M Sodium Acetate pH 4.6, 0.8 M Lithium Sulfate monohydrate					
F8.	0.1 M Bis-Tris Propane pH 7.0, 0.8 M Lithium Sulfate monohydrate					
F9.	0.1 M Tris pH 8.5, 0.8 M Lithium Sulfate monohydrate					
F10.	0.1 M Sodium Acetate pH 4.6, 1.5 M Lithium Sulfate monohydrate					
F11.	0.1 M Bis-Tris Propane pH 7.0, 1.5 M Lithium Sulfate monohydrate					
F12.	0.1 M Tris pH 8.5, 1.5 M Lithium Sulfate monohydrate					
G1.	0.1 M Sodium Acetate pH 4.6, 1.0 M Magnesium Sulfate hydrate					
G2.	0.1 M Bis-Tris Propane pH 7.0, 1.0 M Magnesium Sulfate hydrate					
G3.	0.1 M Tris pH 8.5, 1.0 M Magnesium Sulfate hydrate					
G4.	0.1 M Sodium Acetate pH 4.6, 1.8 M Magnesium Sulfate hydrate					
G5.	0.1 M Bis-Tris Propane pH 7.0, 1.8 M Magnesium Sulfate hydrate					
G6.	0.1 M Tris pH 8.5, 1.8 M Magnesium Sulfate hydrate					
G7.	0.1 M Sodium Acetate pH 4.6, 0.7 M di-Ammonium Tartrate					
G8.	0.1 M Bis-Tris Propane pH 7.0, 0.7 M di-Ammonium Tartrate					
G9.	0.1 M Tris pH 8.5, 0.7 M di-Ammonium Tartrate					
G10.	0.1 M Sodium Acetate pH 4.6, 1.1 M di-Ammonium Tartrate					
G11.	0.1 M Bis-Tris Propane pH 7.0, 1.3 M di-Ammonium Tartrate					
G12.	0.1 M Tris pH 8.5, 1.4 M di-Ammonium Tartrate					
H1.	0.1 M Bis-Tris Propane pH 7.0, 0.6 M Potassium Sodium Tartrate tetrahydrate					
H2.	0.1 M Bis-Tris Propane pH 7.0, 1.2 M Potassium Sodium Tartrate tetrahydrate					
H3.	0.1 M Tris pH 8.5, 0.6 M Potassium Sodium Tartrate tetrahydrate					
H4.	0.1 M Tris pH 8.5, 1.2 M Potassium Sodium Tartrate tetrahydrate					
H5.	0.1 M Sodium Acetate pH 4.6, 0.5 M Potassium Thiocyanate					
H6.	0.1 M Bis-Tris Propane pH 7.0, 0.5 M Potassium Thiocyanate					
H7.	0.1 M Tris pH 8.5, 0.5 M Potassium Thiocyanate					
H8.	0.1 M Sodium Acetate pH 4.6, 4.0 M Ammonium Acetate					
H9.	0.1 M Bis-Tris Propane pH 7.0, 4.0 M Ammonium Acetate					
H10.	0.1 M Tris pH 8.5, 4.0 M Ammonium Acetate					
H11.	0.1 M Bis-Tris Propane pH 7.0, 35% v/v Tacsimate					
H12.	0.1 M Bis-Tris Propane pH 7.0, 60% v/v Tacsimate					

27632 El Lazo Road, Suite 100
 Laguna Niguel, CA 92677-3913 U.S.A.
 Tel: (949) 425-1321 • Fax: (949) 425-1611
 e-mail: tech@hmail.com
 Internet: http://www.hamptonresearch.com