

JBScreen HTS II**Ammonium Sulfate, MPD, Alcohol and Salt based****Cat.-No.: CS-202**

JBScreen HTS II comprises 96 unique, sterile filtered reagents, delivered in 96 deep-well blocks, containing either 1.0 ml (S version) or 1.7 ml (L version) aliquots.

Storage: 4°C

| Number | Precipitant 1 | Precipitant 2 | Buffer | pH | Additive |
|--------|-------------------------|-----------------------|--------------------------|-----|--------------------------|
| A 1 | 500 mM Ammonium Sulfate | 1.0 M Lithium Sulfate | None | | 100 mM Sodium Citrate |
| A 2 | 1.0 M Ammonium Sulfate | None | 100 mM Sodium Acetate | 4.6 | None |
| A 3 | 1.0 M Ammonium Sulfate | 2 % w/v PEG 400 | 100 mM HEPES Sodium Salt | 7.5 | None |
| A 4 | 1.0 M Ammonium Sulfate | None | 100 mM Tris-HCl | 8.5 | None |
| A 5 | 1.2 M Ammonium Sulfate | 3 % w/v 2-Propanol | None | | 50 mM Sodium Citrate |
| A 6 | 1.5 M Ammonium Sulfate | 15 % w/v Glycerol | 100 mM Tris-HCl | 8.5 | None |
| A 7 | 1.6 M Ammonium Sulfate | 1.0 M Lithium Sulfate | None | | None |
| A 8 | 1.6 M Ammonium Sulfate | None | 100 mM HEPES Sodium Salt | 7.5 | 200 mM Sodium Chloride |
| A 9 | 1.6 M Ammonium Sulfate | 2 % w/v PEG 1000 | 100 mM HEPES Sodium Salt | 7.5 | None |
| A 10 | 1.8 M Ammonium Sulfate | None | 100 mM MES Sodium Salt | 6.5 | None |
| A 11 | 2.0 M Ammonium Sulfate | 2.0 M Sodium Chloride | None | | None |
| A 12 | 2.0 M Ammonium Sulfate | None | 100 mM Sodium Acetate | 4.6 | None |
| B 1 | 2.0 M Ammonium Sulfate | 5 % w/v PEG 400 | 100 mM MES Sodium Salt | 6.5 | None |
| B 2 | 2.0 M Ammonium Sulfate | None | 100 mM Tris-HCl | 8.5 | None |
| B 3 | 2.2 M Ammonium Sulfate | 20 % w/v Glycerol | None | | None |
| B 4 | 2.4 M Ammonium Sulfate | None | | | 100 mM Sodium Citrate |
| B 5 | 3.0 M Ammonium Sulfate | 1 % w/v MPD | None | | None |
| B 6 | 3.0 M Ammonium Sulfate | 10 % w/v Glycerol | None | | None |
| B 7 | 3.5 M Ammonium Sulfate | None | 100 mM HEPES Sodium Salt | 7.5 | None |
| B 8 | 3.5 M Ammonium Sulfate | 1 % w/v MPD | 100 mM MES Sodium Salt | 6.5 | None |
| B 9 | 10 % w/v MPD | None | 100 mM HEPES Sodium Salt | 7.5 | 100 mM Sodium Citrate |
| B 10 | 12 % w/v MPD | None | 100 mM Tris-HCl | 8.5 | 50 mM Magnesium Chloride |
| B 11 | 15 % w/v MPD | 5 % w/v PEG 4000 | 100 mM Imidazole-HCl | 8.0 | None |
| B 12 | 15 % w/v MPD | None | 100 mM Sodium Citrate | 5.6 | 200 mM Ammonium Acetate |

| Number | Precipitant 1 | Precipitant 2 | Buffer | pH | Additive 1 | Additive 2 |
|--------|-------------------|-----------------------|--------------------------|-----|--------------------------------------|----------------------|
| C 1 | 15 % w/v MPD | None | 100 mM HEPES Sodium Salt | 7.5 | 200 mM Sodium Citrate | None |
| C 2 | 20 % w/v MPD | None | 100 mM HEPES Sodium Salt | 7.5 | 100 mM Sodium Citrate | None |
| C 3 | 20 % w/v MPD | None | 100 mM Imidazole-HCl | 8.0 | None | None |
| C 4 | 20 % w/v MPD | 4 % w/v Glycerol | None | | 200 mM Sodium Chloride | None |
| C 5 | 30 % w/v MPD | None | 100 mM Sodium Acetate | 4.6 | 20 mM Calcium Chloride | None |
| C 6 | 30 % w/v MPD | None | 100 mM Sodium Citrate | 5.6 | 200 mM Ammonium Acetate | None |
| C 7 | 30 % w/v MPD | None | 100 mM HEPES Sodium Salt | 7.5 | 500 mM Ammonium Sulfate | None |
| C 8 | 30 % w/v MPD | None | 100 mM HEPES Sodium Salt | 7.5 | 200 mM Sodium Citrate | None |
| C 9 | 30 % w/v MPD | 10 % w/v PEG 4000 | 100 mM Imidazole-HCl | 8.0 | None | None |
| C 10 | 30 % w/v MPD | 20 % w/v Ethanol | None | | None | None |
| C 11 | 35 % w/v MPD | None | 100 mM Imidazole-HCl | 8.0 | None | None |
| C 12 | 40 % w/v MPD | None | 100 mM Tris-HCl | 8.5 | None | None |
| D 1 | 47 % w/v MPD | None | 100 mM HEPES Sodium Salt | 7.5 | None | None |
| D 2 | 47 % w/v MPD | 2 % w/v tert.-Butanol | None | | None | None |
| D 3 | 50 % w/v MPD | None | None | | None | None |
| D 4 | 50 % w/v MPD | 20 % w/v 2-Propanol | None | | 50 mM Sodium Chloride | 50 mM Sodium Acetate |
| D 5 | 50 % w/v MPD | None | 100 mM Tris-HCl | 8.5 | 100 mM Ammonium dihydrogen Phosphate | None |
| D 6 | 55 % w/v MPD | None | None | | None | None |
| D 7 | 60 % w/v MPD | None | 100 mM Sodium Acetate | 4.6 | 10 mM Calcium Chloride | None |
| D 8 | 70 % w/v MPD | None | 100 mM MES Sodium Salt | 6.5 | None | None |
| D 9 | 70 % w/v MPD | None | 100 mM Tris-HCl | 8.5 | None | None |
| D 10 | 20 % w/v Methanol | None | 100 mM Tris-HCl | 8.5 | 10 mM Calcium Chloride | None |
| D 11 | 2 % w/v Ethanol | None | 100 mM Tris-HCl | 8.5 | None | None |
| D 12 | 5 % w/v Ethanol | 5 % w/v MPD | 100 mM Tris-HCl | 8.5 | 200 mM Sodium Chloride | None |

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| Number | Precipitant 1 | Precipitant 2 | Buffer | pH | Additive |
|--------|--------------------------------------|--------------------|--------------------------|-----|---------------------------|
| E 1 | 10 % w/v Ethanol | None | 100 mM Tris-HCl | 8.5 | None |
| E 2 | 12 % w/v Ethanol | 4 % w/v PEG 400 | 100 mM Sodium Acetate | 4.6 | None |
| E 3 | 14 % w/v Ethanol | 5 % w/v Glycerol | 100 mM Tris-HCl | 8.5 | None |
| E 4 | 18 % w/v Ethanol | None | 100 mM Tris-HCl | 8.5 | None |
| E 5 | 20 % w/v Ethanol | 10 % w/v Glycerol | None | | None |
| E 6 | 30 % w/v Ethanol | 10 % w/v PEG 6000 | None | | 100 mM Sodium Acetate |
| E 7 | 45 % w/v Ethanol | None | None | | None |
| E 8 | 50 % w/v Ethanol | None | None | | 10 mM Sodium Acetate |
| E 9 | 60 % w/v Ethanol | 1.5 % w/v PEG 6000 | None | | 50 mM Sodium Acetate |
| E 10 | 60 % w/v Ethanol | None | None | | 100 mM Sodium Chloride |
| E 11 | 5 %wV 2-Propanol | None | 100 mM HEPES Sodium Salt | 7.5 | |
| E 12 | 10 % w/v 2-Propanol | None | 100 mM Sodium Acetate | 4.6 | 200 mM Calcium Chloride |
| F 1 | 10 % w/v 2-Propanol | None | 100 mM HEPES Sodium Salt | 7.5 | 200 mM Sodium Citrate |
| F 2 | 10 % w/v 2-Propanol | None | 100 mM Tris-HCl | 8.5 | 10 mM Magnesium Chloride |
| F 3 | 15 % w/v 2-Propanol | None | 100 mM MES Sodium Salt | 6.5 | 200 mM Sodium Citrate |
| F 4 | 15 % w/v 2-Propanol | None | 100 mM HEPES Sodium Salt | 7.5 | 200 mM Magnesium Chloride |
| F 5 | 15 % w/v 2-Propanol | None | 100 mM Tris-HCl | 8.5 | 200 mM Ammonium Acetate |
| F 6 | 20 % w/v 2-Propanol | None | 100 mM Sodium Acetate | 4.6 | 200 mM Calcium Chloride |
| F 7 | 25 % w/v 2-Propanol | None | 100 mM HEPES Sodium Salt | 7.5 | 100 mM Magnesium Chloride |
| F 8 | 30 % w/v 2-Propanol | None | 100 mM MES Sodium Salt | 6.5 | 200 mM Sodium Citrate |
| F 9 | 30 % w/v 2-Propanol | None | 100 mM Tris-HCl | 8.5 | 200 mM Ammonium Acetate |
| F 10 | 25 % w/v tert-Butanol | None | 100 mM Tris-HCl | 8.5 | 100 mM Calcium Chloride |
| F 11 | 35 % w/v tert-Butanol | None | 100 mM Sodium Citrate | 5.6 | None |
| F 12 | 200 mM Ammonium dihydrogen Phosphate | None | None | | None |

| Number | Precipitant 1 | Precipitant 2 | Buffer | pH | Additive |
|--------|--------------------------------------|-------------------|--------------------------|-----|----------------------------|
| G 1 | 200 mM Potassium / Sodium Tartrate | None | None | | None |
| G 2 | 200 mM Magnesium Acetate | None | None | | None |
| G 3 | 400 mM Ammonium dihydrogen Phosphate | None | None | | None |
| G 4 | 400 mM Potassium / Sodium Tartrate | None | 100 mM Tris-HCl | 8.5 | None |
| G 5 | 500 mM Ammonium dihydrogen Phosphate | None | None | | 200 mM Sodium Citrate |
| G 6 | 500 mM Sodium Acetate | None | 100 mM Imidazole-HCl | 8.0 | None |
| G 7 | 700 mM Sodium Citrate | None | 100 mM HEPES Sodium Salt | 7.5 | None |
| G 8 | 800 mM Potassium / Sodium Tartrate | None | 100 mM HEPES Sodium Salt | 7.5 | None |
| G 9 | 1.0 M Ammonium dihydrogen Phosphate | None | 100 mM Sodium Citrate | 5.6 | None |
| G 10 | 1.0 M Ammonium dihydrogen Phosphate | None | 100 mM Tris-HCl | 8.5 | None |
| G 11 | 1.0 M Lithium Sulfate | None | 100 mM Tris-HCl | 8.5 | 10 mM Nickel (II) Chloride |
| G 12 | 1.0 M Sodium Acetate | None | 100 mM Imidazole-HCl | 8.0 | None |
| H 1 | 1.4 M Sodium Acetate | None | 100 mM MES Sodium Salt | 6.5 | None |
| H 2 | 1.5 M Lithium Sulfate | None | 100 mM Tris-HCl | 8.5 | None |
| H 3 | 1.5 M Sodium Citrate | None | None | 6.5 | None |
| H 4 | 1.6 M Magnesium Sulfate | None | 100 mM MES Sodium Salt | 6.5 | None |
| H 5 | 1.6 M Potassium / Sodium Tartrate | None | 100 mM MES Sodium Salt | 6.5 | None |
| H 6 | 2.0 M Ammonium Formate | None | 100 mM MES Sodium Salt | 6.5 | None |
| H 7 | 2.0 M Ammonium dihydrogen Phosphate | None | 100 mM Tris-HCl | 8.5 | None |
| H 8 | 2.0 M Sodium Chloride | None | 100 mM MES Sodium Salt | 6.5 | 200 mM Sodium Acetate |
| H 9 | 2.0 M Sodium Formate | None | 100 mM Sodium Acetate | 4.6 | None |
| H 10 | 1.0 M Ammonium dihydrogen Phosphate | 30 % w/v Glycerol | 100 mM Tris-HCl | 8.5 | None |
| H 11 | 4.0 M Sodium Chloride | None | 100 mM HEPES Sodium Salt | 7.5 | None |
| H 12 | 3.0 M Sodium Formate | None | None | | None |