Data Sheet

IFTA AG
Certified QMS according to
DIN EN ISO 9001:2000-12
Reg. No. IC 03214 034

Jena Bioscience

JBScreen Classic HTS II

Cat.-No.: CS-202S (1.0 ml per well)
CS-202L (1.7 ml per well)

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

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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

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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