



8/12/2022,
To Whom ever It May Concern,

Re: Raw Materials Composition - Stat Profile Prime Plus Calibrators

Stat Profile Prime Plus Calibrator Cartridge
57825, 57826, 57827, 57828, 27829

Calibrator A

Chemical Reagent	Composition %
D-glucose	0.08
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.57
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Lithium Lactate	0.02
Urea	0.02
Sodium Bicarbonate	0.09
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	94.21

Calibrator B

Chemical Reagent	Composition %
1N Hydrochloric Acid	0.76
Calcium Carbonate	0.02
Magnesium Carbonate	0.01
Sodium Chloride	0.15
Potassium Chloride	0.07
MOPSO	0.68
Sodium MOPSO	1.33
Sulforhodamine dye	0.1
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	96.86

Calibrator C

Chemical Reagent	Composition %
D-glucose	0.2
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.35
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Lithium Lactate	0.1
Urea	0.11
Sodium Bicarbonate	0.19
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	94.06

Calibrator D

Chemical Reagent	Composition %
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.57
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Sodium Acetate	0.07
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	94.36

Flush Solution

Chemical Reagent	Composition %
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.58
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Sodium Bicarbonate	0.09
Deionized Water	94.32

Reference Solution

Chemical Reagent	Composition %
Potassium Chloride	14.88
Silver Nitrate	0
Triton X-100	0.03
Deionized Water	85.09

Stat Profile Prime Plus Calibrator Cartridge with Creat / BUN**57831, 57832, 57833, 57834, 57835**

Calibrator A

Chemical Reagent	Composition %
D-glucose	0.08
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.57
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Lithium Lactate	0.02
Urea	0.02
Sodium Bicarbonate	0.09
20% O2, 1.85% CO2, Bal N2	0
Deionized Water	94.21

Calibrator A Charging Solution

Chemical Reagent	Composition %
1N Hydrochloric Acid	10.11
Creatinine	0.2
Deionized Water	89.69

Calibrator B

Chemical Reagent	Composition %
1N Hydrochloric Acid	0.76
Calcium Carbonate	0.02
Magnesium Carbonate	0.01
Sodium Chloride	0.15
Potassium Chloride	0.07
MOPSO	0.68
Sodium MOPSO	1.33
Sulforhodamine dye	0.1
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	96.86

Calibrator C

Chemical Reagent	Composition %
D-glucose	0.2
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.35
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Lithium Lactate	0.1
Urea	0.11
Sodium Bicarbonate	0.19
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	94.06

Calibrator C Charging Solution

Chemical Reagent	Composition %
1N Hydrochloric Acid	12.64
Creatinine	0.5
Deionized Water	86.86

Calibrator D

Chemical Reagent	Composition %
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.57
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Sodium Acetate	0.07
20% O ₂ , 1.85% CO ₂ , Bal N ₂	0
Deionized Water	94.36

Flush Solution

Chemical Reagent	Composition %
1N Hydrochloric Acid	0.36
Calcium Carbonate	0.01
Magnesium Carbonate	0.01
Sodium Chloride	0.58
Potassium Chloride	0.03
HEPES Acid	1.39
1N Sodium Hydroxide	3.2
Sodium Bicarbonate	0.09
Deionized Water	94.32

Reference Solution

Chemical Reagent	Composition %
Potassium Chloride	14.88
Silver Nitrate	0
Triton X-100	0.03
Deionized Water	85.09

Note: The Composition% are expressed in terms of 'w/v%' units.