

Stat Profile Prime Plus® VET Blood Gas, CO-Oximeter, Chemistry Controls Auto-Cartridge with Creatinine

Cartucho automático con creatinina para controles de química, gases en sangre y cooxímetro Stat Profile Prime Plus® VET, Cartouche automatique de contrôles de gaz du sang/CO-oxymètre, chimie Stat Profile Prime Plus® VET avec créatine, Stat Profile Prime Plus® VET Auto-Kassette mit Kreatinin für Blutgas-, CO-Oximeter- und Blutchemiekontrollen, Αυτόματο φυσίγγιο με κρεατινίνη επιπλέον ελέγχου για την αύξηση αριθμούς, CO-Οξύμετρο Stat Profile Prime Plus® VET, Cartuccia con creatinina per controlli automatici chimici per gas ematici/CO-ossimetría Stat Profile Prime Plus® VET, Cartucho automático de controles de química, de CO-oxímetro e de gás no sangue Stat Profile Prime Plus® VET com creatinina, Stat Profile Prime Plus® VET VÉRGÁZ, CO-oximéter, kémiai kontrollk automatiskus patron kreatininnel, de controles de química, de CO-oxímetro e de gás no sangue Stat Profile Prime Plus® VET Chemistry Controls Auto-Cartridge, Stat Profile Prime Plus® VET 血液ガス、CO オキシメーター、生化学検査用コントロール自動カートリッジ(クレアチニン), Stat Profile Prime Plus® VET 혈액 가스, CO-산소 농도계, 화학 조절제 자동 카트리지, Stat Profile Prime Plus® VET 血 气、一氧化碳-血氧仪、化学对照溶液自动试剂盒(含肌酐)

크레아티닌 사용 Stat Profile Prime Plus® VET 혈액 가스, CO-산소 농도계, 화학 조절제 자동 카트리지, Stat Profile Prime Plus® VET 血 气、一氧化碳-血氧仪、化学对照溶液自动试剂盒(含肌酐)

LOT

24054016

CONTROL 1 2 3 4 5



2025-08-08

Expected Ranges, Rangos esperados, Plages attendues, Erwartungsbereiche, Αναμενόμενο εύρος, Intervalli previsti, Intervalos previstos, Vár tartományok, の期待される範囲, 予測範囲, 예상 범위, 预期范围值						
		CONTROL 1 min - x - max	CONTROL 2 min - x - max	CONTROL 3 min - x - max	CONTROL 4 min - x - max	CONTROL 5 min - x - max
pH		7.193 - 7.223 - 7.253	7.400 - 7.430 - 7.460	7.611 - 7.641 - 7.671		
H ⁺	nmol/L	64 - 60 - 56	40 - 37 - 35	24 - 23 - 21		
PCO ₂	mmHg	48.4 - 55.4 - 62.4	34.3 - 39.3 - 44.3	16.6 - 20.6 - 24.6		
PCO ₂	kPa	6.4 - 7.4 - 8.3	4.6 - 5.2 - 5.9	2.2 - 2.7 - 3.3		
PO ₂	mmHg	44.6 - 54.6 - 64.6	90.2 - 100.2 - 110.2	130.6 - 145.6 - 160.6		
PO ₂	kPa	5.9 - 7.3 - 8.6	12.0 - 13.3 - 14.7	17.4 - 19.4 - 21.4		
SO ₂	%	46 - 49 - 52	76 - 79 - 82	88 - 91 - 94		
Hct	%	57 - 60 - 63	36 - 39 - 42	22 - 25 - 28		
Na ⁺	mmol/L				139.3 - 143.3 - 147.3	111.2 - 115.2 - 119.2
K ⁺	mmol/L				3.73 - 3.98 - 4.23	5.89 - 6.19 - 6.49
Cl ⁻	mmol/L				123.4 - 127.9 - 132.4	93.4 - 97.9 - 102.4
iCa	mmol/L				1.00 - 1.08 - 1.16	1.36 - 1.48 - 1.60
iCa	mg/dL				4.0 - 4.3 - 4.6	5.5 - 5.9 - 6.4
iMg	mmol/L				0.59 - 0.66 - 0.73	1.07 - 1.22 - 1.37
iMg	mg/dL				1.4 - 1.6 - 1.8	2.6 - 3.0 - 3.3
Glu	mg/dL				73 - 81 - 89	245 - 270 - 295
Glu	mmol/L				4.1 - 4.5 - 4.9	13.6 - 15.0 - 16.4
Lac	mmol/L				1.7 - 2.0 - 2.3	6.2 - 6.9 - 7.6
Lac	mg/dL				15.1 - 17.8 - 20.5	55.2 - 61.5 - 67.7
BUN	mg/dL				13 - 18 - 23	42 - 52 - 62
BUN	mmol/L				4.6 - 6.4 - 8.2	15.0 - 18.6 - 22.1
Urea	mg/dL				27.9 - 38.6 - 49.3	90.1 - 111.5 - 133.0
Urea	mmol/L				4.6 - 6.4 - 8.2	15.0 - 18.6 - 22.1
Creatinine	mg/dL				0.60 - 0.90 - 1.20	5.60 - 6.60 - 7.60
Creatinine	mmol/L				0.05 - 0.08 - 0.11	0.50 - 0.58 - 0.67
Creatinine	µmol/L				50 - 80 - 110	500 - 580 - 670
HbF	%	82.6 - 90.6 - 98.6	38.5 - 53.5 - 68.5	18.0 - 23.0 - 28.0		
tHb	g/dL	18.9 - 20.7 - 22.5	12.8 - 14.3 - 15.8	5.8 - 6.8 - 7.8		
tHb	g/L	189 - 207 - 225	128 - 143 - 158	58 - 68 - 78		
tHb	mmol/L	11.7 - 12.9 - 14.0	7.9 - 8.9 - 9.8	3.6 - 4.2 - 4.8		
O ₂ Hb	%	19.2 - 21.7 - 24.2	44.9 - 48.9 - 52.9	75.7 - 80.7 - 85.7		
COHb	%	24.8 - 28.8 - 32.8	16.6 - 20.6 - 24.6	2.2 - 6.2 - 10.2		
MetHb	%	24.3 - 27.3 - 30.3	14.8 - 17.8 - 20.8	2.3 - 5.3 - 8.3		
HHb	%	18.2 - 22.2 - 26.2	8.8 - 12.8 - 16.8	3.8 - 7.8 - 11.8		
tBil	mg/dL	18.0 - 22.0 - 26.0	9.7 - 11.7 - 13.7	5.7 - 6.1 - 6.5		
tBil	µmol/L	307.8 - 376.2 - 444.6	165.9 - 200.1 - 234.3	97.5 - 104.3 - 111.2		
tBil	mg/L	180.0 - 220.0 - 260.0	97.0 - 117.0 - 137.0	57.0 - 61.0 - 65.0		

EN

Product Description

Aqueous quality control material for monitoring the performance of pH, PO₂, PO₃, bicarbonate (HCO₃), total hemoglobin (Hb), carboxyhemoglobin (COHb), carboxyhemoglobin (COHb), methemoglobin (MetHb), and oxyhemoglobin (O₂Hb) in levels 1, 2 and 3 as well as Na⁺, K⁺, Cl⁻, Ca²⁺, Mg²⁺, Glucose, Lactate, BUN (urea), and Creatinine in Level 4 and 5. A 5 cartridge kit containing two syringes filled with creatinine solution is included for cartridge activation prior to installation. For use with Stat Profile Prime Plus VET Analyzers ONLY.

Intended Use

Intended for monitoring the performance of the Stat Profile Prime Plus VET Analyzers.

Methodology

Refer to Stat Profile Prime Plus VET Analyzer Instructions for Use Manual for Methodology and Principles.

Composition

Controls Levels 1, 2 and 3 are buffered bicarbonate solutions containing dyes, salts and preservatives. Each level has a known pH and a known concentration of O₂Hb, COHb, carboxyhemoglobin (COHb), methemoglobin (MetHb) and desoxyhemoglobin (MetHb). Levels 4 and 5 are aqueous solutions of bicarbonate containing tincture, salts and preservatives. Each pouch contains a minimum of 100 mL. Controls contain no constituents of human origin, however good laboratory practices should be followed during handling of these materials. (Refer to NIST DOCUMENT M29-72).

Warnings and Cautions

DO NOT FREEZE. Mix the cartridge by gently inverting for several seconds. DO NOT SHAKE CARTRIDGE. Refer to Stat Profile Prime Plus VET Analyzer Instructions for Use Manual for complete information.

Follow standard practices for handling laboratory reagents.

Storage

Store at 2-8°C (37-49°F). DO NOT FREEZE.

Directions for use

Each cartridge is to be stored at room temperature prior to installation. Cartridges must be activated before use. Two syringes are labeled and coded to correspond to the items on the cartridge.

- Hold the syringe with tip side down and remove protective cap.
- Attach one of the enclosed needles assemblies to the syringe. Remove the protective cover from the needle.
- Push the needle through the foil seal of the cartridge and into the cartridge.
- Slowly depress syringe plunger until the contents are dispensed. DO NOT PULL BACK ON THE PLUNGER TO FLUSH CONTENTS FROM SYRINGE.
- Remove needle assembly from syringe and discard in a separate sharps container.

Repeat Steps 1-4 for the next Control.

My Cartridge Number is _____, Lot Number is _____, Expiry date is _____.

Very Low Lot Number on the Expected Ranges Table corresponds to the Lot Number on the cartridge. Refer to Stat Profile Prime Plus VET Analyzer Instructions for Use Manual for complete directions.

Limitations

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