

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, chimio Stat Profile Prime Plus® VET avec créatine, Stat Profile Prime Plus® VET Auto-Kassette mit Kreatinin für Blutgas-, CO-Oximeter- und Blutchemiekontroller, Autómatu fisiológico με creatinina e estatímetro para controles de química, de CO-oxímetro e de gás no sangue Stat Profile Prime Plus® VET com creatinina, Stat Profile Prime Plus® VET vérágz, CO-oximéter, kémiai kontrollk automatiskus patron kreatininnel, 化学検査用コントロール自動カートリッジ(クリアチニン), 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(クリアチニン), Stat Profile Prime Plus® VET 혈액 가스, CO-산소 농도계, 혈화 조절제 자동 카트리지, Stat Profile Prime Plus® VET 血气、一氧化碳血氧仪、化学对照液自动试剂盒(含肌酐), Stat Profile Prime Plus® VET 血气、CO-血氧仪、一氧化碳血氧仪、化学对照液自动试剂盒(含肌酐)

크레이티닌 사용 Stat Profile Prime Plus® VET 혈액 가스, CO-산소 농도계, 혈화 조절제 자동 카트리지, Stat Profile Prime Plus® VET 血气、一氧化碳血氧仪、化学对照液自动试剂盒(含肌酐)

LOT 23363032

CONTROL 1 2 3 4 5

2025-06-08

Expected Ranges, Rangos esperados, Plages attendues, Erwartungsbereiche, Αναμενόμενο εύρος, Intervalli previsti, Intervalos previstos, Várt tartományok, תוצאות אנטקטיים ותפוקים, 予測範囲, 예상 범위, 预期范围值, 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		7.201 - 7.231 - 7.261	7.394 - 7.424 - 7.454	7.583 - 7.613 - 7.643		
H ⁺	nmol/L	63 - 59 - 55	40 - 38 - 35	26 - 24 - 23		
PCO ₂	mmHg	47.3 - 54.3 - 61.3	34.9 - 39.9 - 44.9	17.9 - 21.9 - 25.9		
PCO ₂	kPa	6.3 - 7.2 - 8.2	4.6 - 5.3 - 6.0	2.4 - 2.9 - 3.4		
PO ₂	mmHg	55.0 - 65.0 - 75.0	96.6 - 106.6 - 116.6	130.6 - 145.6 - 160.6		
PO ₂	kPa	7.3 - 8.6 - 10.0	12.8 - 14.2 - 15.5	17.4 - 19.4 - 21.4		
SO ₂	%	47 - 50 - 53	77 - 80 - 83	88 - 91 - 94		
Hct	%	56 - 59 - 62	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	5.70 - 6.70 - 7.70
Creatinine	mmol/L				0.05 - 0.08 - 0.11	0.50 - 0.59 - 0.68
Creatinine	µmol/L				50 - 80 - 110	500 - 590 - 680
HbF	%	79.0 - 87.0 - 95.0	38.7 - 53.7 - 68.7	18.1 - 23.1 - 28.1		
tHb	g/dL	18.9 - 20.7 - 22.5	12.9 - 14.4 - 15.9	5.8 - 6.8 - 7.8		
tHb	g/L	189 - 207 - 225	129 - 144 - 159	58 - 68 - 78		
tHb	mmol/L	11.7 - 12.9 - 14.0	8.0 - 8.9 - 9.9	3.6 - 4.2 - 4.8		
O ₂ Hb	%	19.6 - 22.1 - 24.6	45.1 - 49.1 - 53.1	75.8 - 80.8 - 85.8		
COHb	%	24.8 - 28.8 - 32.8	16.6 - 20.6 - 24.6	2.2 - 6.2 - 10.2		
MetHb	%	24.2 - 27.2 - 30.2	14.9 - 17.9 - 20.9	2.3 - 5.3 - 8.3		
HHb	%	17.9 - 21.9 - 25.9	8.4 - 12.4 - 16.4	3.7 - 7.7 - 11.7		
tBil	mg/dL	17.9 - 21.9 - 25.9	9.6 - 11.6 - 13.6	5.7 - 6.1 - 6.5		
tBil	µmol/L	306.1 - 374.5 - 422.9	164.2 - 198.4 - 232.6	97.5 - 104.3 - 111.2		
tBil	mg/L	179.0 - 219.0 - 259.0	96.0 - 116.0 - 136.0	57.0 - 61.0 - 65.0		

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Product Description

Aqueous quality control material for monitoring the performance of pH, PCO₂, PO₂, SO₂, hematocrit (Hct), total hemoglobin (Hb), oxygen saturation (O₂Hb), carboxyhemoglobin (COHb), methemoglobin (Metb) and desmethylmethemoglobin (DesmHb). In Level 1, controls are Na⁺, K⁺, Cl⁻, Ca²⁺, Glucose, Lacacid, Na⁺ creatinine, and Creatinine in Level 4 & 5. A single, consisting of 2 syringes filled with creatinine solution is included for cartridge activation prior to installation. For use with Stat Profile Prime Plus Analyzers ONLY.

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.

Compatibility: Controls Levels 1, 2 and 3 are buffered bicarbonate solutions containing dextrose salts and preservatives. Each level has a known pH and is stabilized to a known CO₂ and O₂ value. Controls Level 4 & 5 are buffered solutions containing known concentrations of Na⁺, K⁺, Cl⁻, Ca²⁺, Mg²⁺, Glucose, Lacacid, Na⁺ creatinine, and Creatinine.

Control materials are aqueous solutions of human origin; however good laboratory practices should be followed during handling of these materials. (REF: NCCLS DOCUMENT M29-P72).

Warnings and Cautions:

DO NOT REUSE 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 (35-46°F), DO NOT FREEZE.

Directions for use: Ensure controls are room temperature prior to installation.

Level 1 & 2: Remove from the box and invert the two syringes prior to installation of the Calibrator Cartridge. The 2 syringes are labeled and coded to correspond to the levels on the cartridge.

Activate the cartridge as follows:

1. Hold the cartridge by the base and remove protective cap.

2. Attach one of the enclosed needles to the syringe. Remove the protective cover from the needle.

3. Match the color and label of the syringe to the appropriate needle and insert needle.

4. Slowly inject the contents of the syringe until all contents are dispensed. DO NOT PULL BACK ON THE PLUNGER TO FLUSH CONTENTS OF THE SYRINGE.

5. Remove the needle from the assembly and discard it into the sharps container.

6. Mix Cartridge well by gently inverting for 1 minute. Cartridge is ready for use.

Verify that the number of lot code figure in the table of ranges expected coincides with the number of lot impresso en el cartucho.

Part Number: 58408, 58409, 58410, 58411, 58412, 58413, 58414, 58415, 58416, 58417, 58418, 58419, 58420, 58421, 58422, 58423, 58424, 58425, 58426, 58427, 58428, 58429, 58430, 58431, 58432, 58433, 58434, 58435, 58436, 58437, 58438, 58439, 58440, 58441, 58442, 58443, 58444, 58445, 58446, 58447, 58448, 58449, 58450, 58451, 58452, 58453, 58454, 58455, 58456, 58457, 58458, 58459, 58460, 58461, 58462, 58463, 58464, 58465, 58466, 58467, 58468, 58469, 58470, 58471, 58472, 58473, 58474, 58475, 58476, 58477, 58478, 58479, 58480, 58481, 58482, 58483, 58484, 58485, 58486, 58487, 58488, 58489, 58490, 58491, 58492, 58493, 58494, 58495, 58496, 58497, 58498, 58499, 58400, 58401, 58402, 58403, 58404, 58405, 58406, 58407, 58408, 58409, 58410, 58411, 58412, 58413, 58414, 58415, 58416, 58417, 58418, 58419, 58420, 58421, 58422, 58423, 58424, 58425, 58426, 58427, 58428, 58429, 58430, 58431, 58432, 58433, 58434, 58435, 58436, 58437, 58438, 58439, 58440, 58441, 58442, 58443, 58444, 58445, 58446, 58447, 58448, 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