

nova
biomedical
CERTIFICATE OF ANALYSIS

STP Prime Plus VET Auto QC Cartridge 315 Sample
with Creat/BUN
Lot Number 23214030

Ref Number 58409
Exp Date 2024-12-29
Date of Manufacture 2023-06-29

| Level 1 | | | Level 2 | | | Level 3 | | |
|-----------|---------------|------------------|-----------|---------------|------------------|-----------|---------------|------------------|
| | <u>Spec</u> | <u>Pass/Fail</u> | | <u>Spec</u> | <u>Pass/Fail</u> | | <u>Spec</u> | <u>Pass/Fail</u> |
| pH | 7.180 - 7.230 | Pass | pH | 7.350 - 7.420 | Pass | pH | 7.570 - 7.650 | Pass |
| pCO2 mmHg | 55.0 - 65.0 | Pass | pCO2 mmHg | 39.0 - 45.0 | Pass | pCO2 mmHg | 18.0 - 26.0 | Pass |
| pO2 mmHg | 58.0 - 68.0 | Pass | pO2 mmHg | 97.0 - 107.0 | Pass | pO2 mmHg | 135.0 - 149.0 | Pass |
| tHb g/dL | 18.0 - 22.0 | Pass | tHb g/dL | 13.0 - 16.0 | Pass | tHb g/dL | 5.5 - 8.5 | Pass |
| COHb % | 22.0 - 30.0 | Pass | COHb % | 16.0 - 22.0 | Pass | COHb % | 1.0 - 7.0 | Pass |

| Level 4 | | | Level 5 | | |
|------------------|---------------|------------------|------------------|---------------|------------------|
| | <u>Spec</u> | <u>Pass/Fail</u> | | <u>Spec</u> | <u>Pass/Fail</u> |
| Na+ mmol/L | 140.3 - 143.1 | Pass | Na+ mmol/L | 114.8 - 117.2 | Pass |
| K+ mmol/L | 3.92 - 4.00 | Pass | K+ mmol/L | 6.19 - 6.31 | Pass |
| Cl- mmol/L | 126.0 - 128.6 | Pass | Cl- mmol/L | 97.2 - 99.2 | Pass |
| Ca++ mmol/L | 1.07 - 1.09 | Pass | Ca++ mmol/L | 1.49 - 1.52 | Pass |
| Glu mg/dL | 79 - 83 | Pass | Glu mg/dL | 271 - 283 | Pass |
| BUN mg/dL | 16.6 - 17.4 | Pass | BUN mg/dL | 48.8 - 51.3 | Pass |
| Creatinine mg/dL | 0.88 - 0.92 | Pass | Creatinine mg/dL | 6.37 - 6.63 | Pass |
| Lac mmol/L | 1.6 - 2.2 | Pass | Lac mmol/L | 6.6 - 7.2 | Pass |
| Mg++ mmol/L | 0.59 - 0.71 | Pass | Mg++ mmol/L | 1.14 - 1.26 | Pass |

This certifies that this product was manufactured and tested at Nova Biomedical Corporation, Waltham MA 02454 U.S.A. in accordance with ISO 13485:2016 Medical Devices Quality Management Systems Requirements, Medical Device Single Audit Program (MDSAP), and conforms to the indicated test specifications. All listed analytes are traceable to NIST SRM Materials. tHb is traced by using Cyanmethoglobin method

Note: Acceptance specifications for this part number are lot dependent and subject to change by the manufacturer

Haneen Aldarwish

Approval

QC Inspector
Title

08/17/2023
Date