

*nova*  
*biomedical*  
**CERTIFICATE OF ANALYSIS**

STP Prime Plus VET Auto QC Cartridge 315 Sample  
with Creat/BUN  
Lot Number 24043071

Ref Number 58409  
Exp Date 2025-07-23  
Date of Manufacture 2024-01-23

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 %	24.0 - 32.0	Pass	COHb %	17.0 - 23.0	Pass	COHb %	3.0 - 9.0	Pass

  

Level 4			Level 5		
	<u>Spec</u>	<u>Pass/Fail</u>		<u>Spec</u>	<u>Pass/Fail</u>
Na+ mmol/L	140.0 - 142.8	Pass	Na+ mmol/L	113.9 - 116.2	Pass
K+ mmol/L	3.89 - 3.97	Pass	K+ mmol/L	6.12 - 6.24	Pass
Cl- mmol/L	123.8 - 126.3	Pass	Cl- mmol/L	96.4 - 98.4	Pass
Ca++ mmol/L	1.07 - 1.09	Pass	Ca++ mmol/L	1.45 - 1.47	Pass
Glu mg/dL	79 - 83	Pass	Glu mg/dL	271 - 283	Pass
BUN mg/dL	15.6 - 16.4	Pass	BUN mg/dL	47.8 - 50.2	Pass
Creatinine mg/dL	0.88 - 0.92	Pass	Creatinine mg/dL	6.57 - 6.83	Pass
Lac mmol/L	1.7 - 2.3	Pass	Lac mmol/L	6.6 - 7.2	Pass
Mg++ mmol/L	0.56 - 0.68	Pass	Mg++ mmol/L	1.15 - 1.27	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

02/21/2024  
Date