



STANTON TERRITORIAL HEALTH AUTHORITY

Yellowknife, Northwest Territories

TITLE: Nova Biomedical Glucose / Ketone Meter Proficiency Survey Test	Revision Date: 07-July-2016	Issue Date: 07-July-2014
Document Number: POC20501	Status: Approved	
Distribution: Point of Care Testing Manual	Page: 1 of 5	
Approved by: C. Case, Manager Diagnostic Services	Signed by: <i>Cheryl Case</i>	

PURPOSE:

Proficiency Survey materials, provided by recognized survey providers, are analyzed on a bi-annual basis to ensure that results generated are accurate when compared to those same results reported by members of a peer group.

POLICY:

See Quality Manual Section 6. Process Control

REAGENTS and/or MEDIA:

- Nova Biomedical StatStrip® GLU Test Strips
- Nova Biomedical StatStrip® KET Test Strips
- Nova Biomedical StatStrip® GLU KET Control Solutions 1 & 3

SUPPLIES:

- Nova Biomedical StatStrip® Glucose / Ketone Hospital Meter
OR
- Nova Biomedical StatStrip® Glucose Hospital Meter

SPECIAL SAFETY PRECAUTIONS:

- Handle all patient samples and testing sera using "Routine Practices".

NOTE: This is a CONTROLLED document for internal use only. Any documents appearing in paper form are not controlled and should be checked against electronic version prior to use.	
FILENAME: POC20501NovaBiomedicalGlucoseKetoneMeterProficiencySurveyPRO.doc	PRINT DATE: 7/7/2014 4:31 PM

TITLE: Nova Biomedical Glucose / Ketone Meter Proficiency Survey Test	Revision Date: 07-July-2016	Issue Date: 07-July-2014
Document Number: POC20501	Status: Approved	
Distribution: Point of Care Testing Manual	Page: 2 of 5	


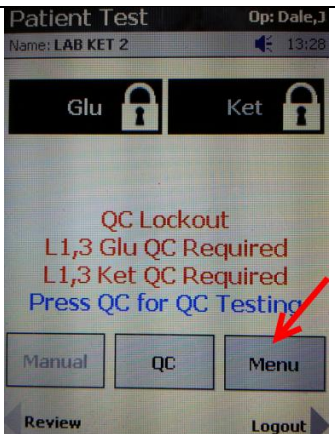
- Please refer to the Northwest Territories Infection Prevention and Control Manual, March 2012.

QUALITY CONTROL:

See POC20701 Nova Biomedical Glucose / Ketone Meter Quality Control Test

PROCEDURE INSTRUCTIONS:

Follow the steps in the table below to perform a quality control test.

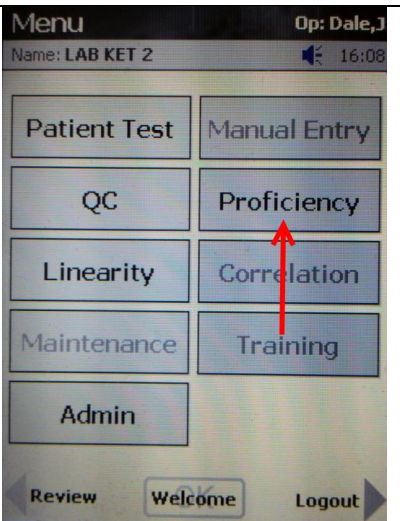
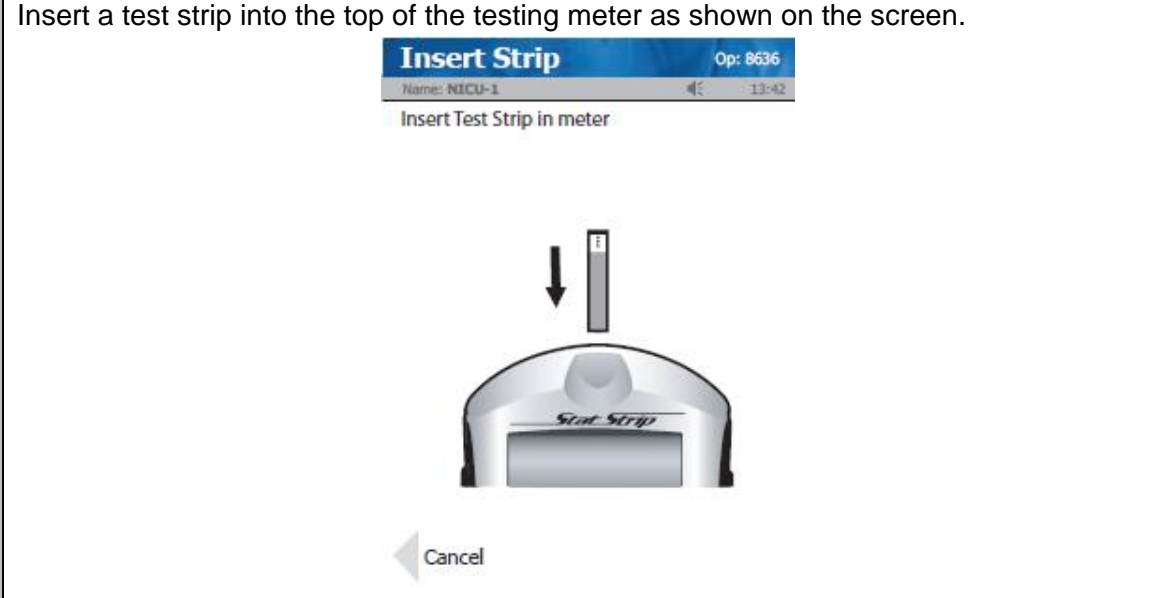
Step	Action
1	Turn on by pressing the Sleep Mode button. 
2	Press the OK/Enter button to begin testing.
3	Enter your Operator ID number manually or scan your barcode.
4	Press the OK/Enter button to accept your Operator ID number.
5	Touch the Menu soft key on the instrument screen. 

NOTE: This is a CONTROLLED document for internal use only. Any documents appearing in paper form are not controlled and should be checked against electronic version prior to use.

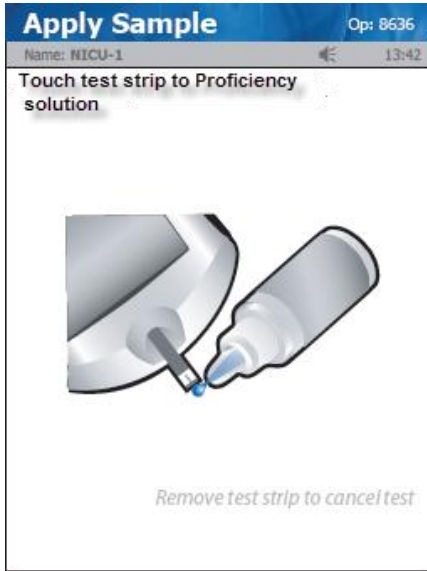
FILENAME:
POC20501NovaBiomedicalGlucoseKetoneMeterProficiencySurveyPRO.doc

PRINT DATE: 7/7/2014 4:31 PM

TITLE: Nova Biomedical Glucose / Ketone Meter Proficiency Survey Test	Revision Date: 07-July-2016	Issue Date: 07-July-2014
Document Number: POC20501	Status: Approved	
Distribution: Point of Care Testing Manual	Page: 3 of 5	

6	Touch the Proficiency soft key on the instrument screen.	 <p>The screenshot shows a menu titled 'Menu' with the name 'LAB KET 2' and the operator 'Op: Dale, J'. The menu items are: Patient Test, Manual Entry, QC, Proficiency, Linearity, Correlation, Maintenance, Training, and Admin. A red arrow points to the 'Proficiency' button. At the bottom, there are buttons for 'Review', 'Welcome', and 'Logout'.</p>
7	Scan the barcode on the side of the vial for the lot number of the test strips you are using. Press OK/Enter .	
8	Proficiency test reagents are received by the Technologist II. Whole blood glucose and ketone surveys are accessioned and barcodes are provided. Scan the LIS barcode of the control solution you will be testing by pressing and holding the OK/Enter button and passing the scanner over the barcode on the side of the dropper bottle.	
9	Press the OK/Enter button to accept the proficiency test reagent number.	
10	<p>Insert a test strip into the top of the testing meter as shown on the screen.</p>  <p>The screenshot shows a screen titled 'Insert Strip' with the operator 'Op: 8636' and the name 'NICU-1'. The instruction 'Insert Test Strip in meter' is displayed. Below the screenshot is a diagram of the testing meter with a test strip being inserted into the top slot. A 'Cancel' button is located at the bottom left.</p>	

TITLE: Nova Biomedical Glucose / Ketone Meter Proficiency Survey Test	Revision Date: 07-July-2016	Issue Date: 07-July-2014
Document Number: POC20501	Status: Approved	
Distribution: Point of Care Testing Manual	Page: 4 of 5	

11	<p>With the test strip correctly inserted, the Apply Sample screen will display.</p> <div style="text-align: center;">  </div>
12	Handle proficiency solutions as per the instructions given by the survey provider.
13	Discard the first drop of control solution from the bottle to avoid contamination.
14	With the meter placed on a flat level surface, place a drop of proficiency solution from the bottle at the end of the test strip until the solution is drawn into the well of the test strip. When sample has been drawn into the strip, an audible beep is sounded by the meter.
15	Wipe the applicator tip of the bottle and recap the proficiency solution. The Testing Sample screen displays. The screen shows a clock with seconds remaining below the clock.
16	The test result will appear in 6 or 10 seconds depending on which test is being performed. Do not remove the test strip until the countdown is complete. Meter results range from 0.6 – 33.3 mmol/L for glucose and <0.1 to 7.0 mmol/L for Ketones.
17	Record results on the provided result sheets.
18	Repeat steps 8 to 17 for the all other proficiency solutions in the survey.

NOTE: This is a CONTROLLED document for internal use only. Any documents appearing in paper form are not controlled and should be checked against electronic version prior to use.	
FILENAME: POC20501NovaBiomedicalGlucoseKetoneMeterProficiencySurveyPRO.doc	PRINT DATE: 7/7/2014 4:31 PM

TITLE: Nova Biomedical Glucose / Ketone Meter Proficiency Survey Test	Revision Date: 07-July-2016	Issue Date: 07-July-2014
Document Number: POC20501	Status: Approved	
Distribution: Point of Care Testing Manual	Page: 5 of 5	

RELATED DOCUMENTS:

- POC20801 Nova Biomedical Glucose / Ketone Meter Patient Test
- POC20701 Nova Biomedical Glucose / Ketone Meter Quality Control Test
- POC20401 Nova Biomedical Glucometer Basic Maintenance

REFERENCES:

Nova Biomedical, StatStrip® Glucose Hospital Meter, Instructions for Use Manual, Nova Biomedical Corporation, Waltham, MA, 2011

Nova Biomedical, StatStrip™ Glucose and β-Ketone Control Solution Package Insert, Nova Biomedical UK, Cheshire, UK, 2011

REVISION HISTORY:

REVISION	DATE	Description of Change	REQUESTED BY
1.0	23 Dec 2013	Initial Release	JGD Bernier
2.0	15 May 2014	Updated to include reference to: NWT Infection Prevention & Control Manual	JGD Bernier

NOTE: This is a CONTROLLED document for internal use only. Any documents appearing in paper form are not controlled and should be checked against electronic version prior to use.	
FILENAME: POC20501NovaBiomedicalGlucoseKetoneMeterProficiencySurveyPRO.doc	PRINT DATE: 7/7/2014 4:31 PM