skyla™ VB1
Clinical Chemistry Analyzer

Quick manual

■ Start Analyzer

■ Sample Preparation

Whole blood

Plasma

* Use lithium heparin blood collection tubes (Green cap).
* DO NOT use sodium heparin blood collection tubes.
* DO NOT use EDTA blood collection tubes.
* Once the whole-blood sample is extracted, it must undergo testing within 60 minutes (room temperature).
* The blood sample must be at least half the volume of the blood collection tube.

Serum

* Use serum Clotting Activator blood collection tube (Gold cap).

■ Sample Analysis

Step 1: Reagent Disc Preparation

1. Tear the aluminum foil packaging from the edge.

2. Grip with finger and thumb along with tissue paper to remove the reagent disc.

3. After removal, use the other hand to hold the reagent disc by the edge.

4. Tear and discard the tissue paper.

5. Remove the aluminum foil strip covering the sample injection port.

Note

* Reagent discs retrieved from 2-8˚C storage can be directly used without warming-up.
* Do not leave unopened reagent discs at 25˚C(77˚F) for more than 48 hours.

Step 2: Dispensing the Sample

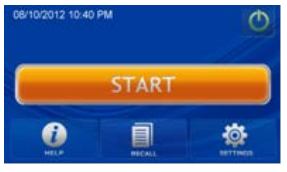
1. Use the provided pipette and tip to draw up 200 µL of the sample.

2. Keep the pipette **perpendicular** to the surface of the reagent disc. Gently push down the plunger to the lowest to dispense all the sample.

Note

* When using the pipette, avoid drawing up air in the pipette tip.
* The pipette tip only needs to make slight contact with the bottom of the sample chamber; do not push down hard in order to avoid deforming the pipette tip.
* After the sample has been completely dispensed into the reagent disc, keep the pipette plunger down and remove the pipette from the sample injection port before releasing the plunger to avoid re-extracting the sample from the reagent disc.
* Do not repeatedly push down the pipette plunger which might cause sample volume quantification error.
* Perform the test within 10 minutes of dispensing the sample into the reagent disc.

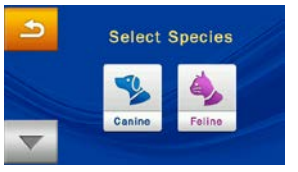
Step 3: Performing a Test



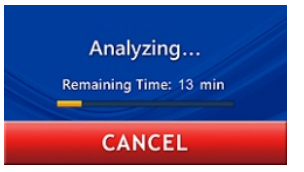
1.Press the **START** button on the touchscreen to open the disc drawer.

2. Hold a reagent disc by its edge. Gently place the disc into the drawer.

3. Input the patient ID and press **OK**.

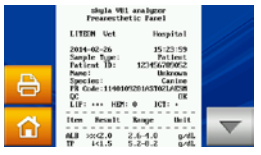


4. Select the species.
*If you enable the Report Heading Option, the system will prompt you to enter Gender and/or Weight. Press **OK** when you have finished.

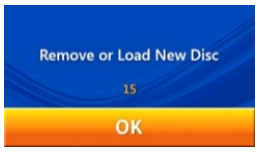


5. The system will begin the analysis. "**Analyzing...**" will be displayed on the screen.

Step 4: Test Results



1.The system will automatically display the test report, which can be printed out.



2. Press **HOME** to open the drawer and remove the reagent disc. An analysis is now completed.

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