

SMARTSTRIPS?

Date : 03/09/2020
Version : 4.1

SMARTSTRIPS IgG - COLOSTRUM

BIO K 405

(BOX OF 10 DEVICES)

STRIPS FOR MEASURING COLOSTRUM

QUALITY



Precautions for use

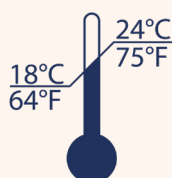


The accuracy of the assay depends to a great extent on the sample collection steps.



SmartStrips is calibrated to give a result comparable to reference methods in 10 ± 1 minutes. Below this time period, the test reaction is not complete. Beyond this time period, the reaction will be distorted.

For these reasons, it is not recommended to run series of more than 5 tests at a time.



Bring all components to $21^{\circ}\text{C} \pm 3^{\circ}\text{C}$ before use.



Do not expose the SmartStrips to intense light sources (direct sunlight on the strip)

Do not scan the SmartStrips in an abnormally dark place. The sensitivity of the scan will be affected.

Normal light conditions are indoors.

Note : under certain conditions, neon lighting causes on-screen scanning lines, thereby disturbing the recognition of the QR code. It is recommended to avoid a direct exposure to neon.



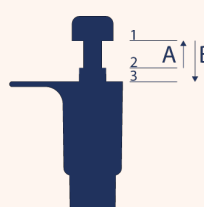
The kit must be stored in a dry place at room temperature. Once the device is removed from its packaging, its stability is of short duration, especially in a humid environment.



Wear gloves while doing the test.



Discard the device in accordance with the environmental protection and biological waste management legislation in effect in your country.



A : Sample collection

B : Sample transfer.

Caution : never pipette any liquid without the tip.

TEST PROCEDURE



- 1. All components should be brought to **21±3°C** before use.
- 2. Push firmly the tip onto the extremity of the pipette.
- 3. Collect 20 µl of colostrum using the pipette with tip.

- 1. The accuracy of the test depends largely on the sample collection steps.
- 2. Immerse only the end of the tip to minimize excess sample on the outside of the tip.



- 1. Transfer these 20 µl of colostrum into the first dilution vial (small vial) by immersing the **tip's end**. Repeat back-and-forth Steps showed in Positions 1 and 2. Press to end the step as in Position 3.
- 2. Homogenize by closing and shaking the vial.
- 3. Collect 20 µl of diluted colostrum with a new tip.

- 1. Make sure that all of the colostrum contained in the tip has been transferred into the dilution solution, using the pipette back-and-forth.
- 2. Change the tip for the second sample collection.
- 3. Let the vial rest if foam is present after homogenization.

- 1. Transfer these 20 µl of colostrum into the 2nd dilution vial (large vial) by immersing the **tip's end**. Repeat back-and-forth Steps showed in Positions 1 and 2. Press to end the step as in position 3.
- 2. Homogenize by closing and shaking the vial.

- 1. Make sure that all of the colostrum contained in the tip has been transferred into the dilution solution, using the pipette back-and-forth.
- 2. Let the vial rest if foam is present after homogenization.

- 1. Insert the device immediately into the liquid of the 2nd dilution vial (large vial).
- 2. Wait **10±1 minutes** and interpret immediately the result by using the SmartStrips™App*.

- 1. Timing is **essential**. SmartStrips is calibrated to give a result comparable to reference methods in 10 ± 1 minutes. Below this time period, the test reaction is not complete. Beyond this time period, the reaction will be distorted.

- 1. Read the SmartStrips™ device with the SmartStrips™ App.

* About SmartStrips™ App

You will find a quick user's guide in the kit. A detailed user's manual is also available on our website: www.biox.com



Bio-X Diagnostics is ISO 9001
certified to assure the best to its customers