

Dipfit^X Smart

Date : 23/06/2026
Version : V03

BIO K 402 - CLOSTRIDIUM PERFRINGENS
(BOX OF 10 TESTS)



**TEST STRIPS FOR QUANTITATIVE DETECTION
OF CLOSTRIDIUM PERFRINGENS IN FAECES**



Precautions for use

 Bring all kit components to 21°C +/- 3°C before use.
18°C 64°F 24°C 75°F

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

 The analysed sample shouldn't be too concentrated. Do not prepare a sample volume greater than a **spoonful**.

 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.

 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.



DipfitTM Smart 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.



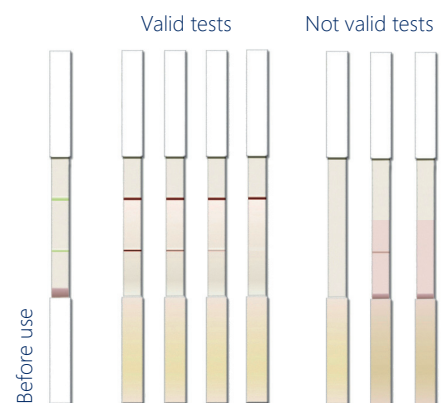
Do not expose DipfitTM Smart to intense light sources (direct sunlight on the strip).

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

Normal light conditions are indoor.

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.

Test validation



All tests that migrated successfully must have at least one control line. Tests that do not have a control line cannot be interpreted.

PERFORMING THE TEST



1

Take the faeces directly from the rectum. If the samples are liquid, take a spoonful.



2

If the samples are solid, remove the excess amount with a spatula or clean object.



3

Dilute the sample with the liquid contained in the bottle. Homogenize well, taking care to prevent foam formation.



4

Tear the aluminium envelope open at the notch.



5

Launch the Dipfit™ App on your smartphone.

Add the test and scan its QR code then click on the waiting test to start the timer on the app.

Introduce the device into the liquid in the dilution tube.

Fill in the test information requested on the application.



Dipfit
App



6

Wait **10±1 minutes** and interpret **immediately** the result using the Dipfit™App*.

To do this, remove the device from the tube and place it flat. Scan the test strip and its QR code again to get the results. The test strip must be visible.

Time management is essential. Dipfit™ Smart 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.

Range of results in CFU (colony-forming units)

Low threshold < 2E⁵ UFC/mL

2E⁵ UFC/mL < range < 2E⁷ UFC/mL

High threshold > 2E⁷ UFC/mL

* About Dipfit™ App

A detailed manual is available on our website : www.biox.com.

A discovery mode guides you step by step through your first use of the app.



In vitro use

Smart solutions for sharp decisions

Contact us

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