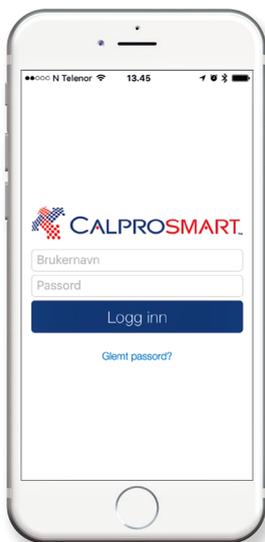




CALPROSMART™



The quick guide to the CalproSmart™ app

Step one

Collect a sample



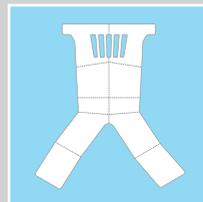
1
When using the app for the first time, follow the instructions 'How to set up the CalproSmart app' on page 2. Open the CalproSmart app and follow the instructions.



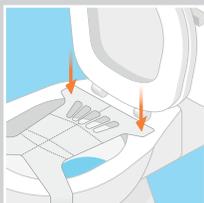
2
Pull up the toilet seat.



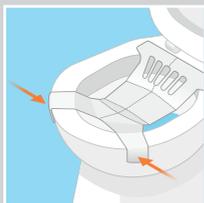
3
Wipe the bowl using the tissue or toilet paper to make sure that the surface is clean and dry.



4
Unfold the EasySampler and the adhesive tapes on it.



5
Stick the EasySampler to the bowl, starting at the back and then the front, as shown.



6
Check you have made a large enough sample area and that there is enough space in front to dispose of your toilet paper.



7
Finally, put down the toilet seat and your EasySampler is ready to use.



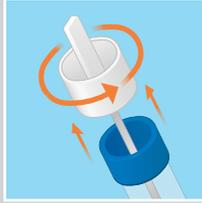
8
Have a bowel movement into the EasySampler, but avoid urinating into it.

Step two

Extracting a sample



- 1**
Put on the nitrile gloves.



- 2**
Turn the white cap anticlockwise and pull out the stick.



- 3**
Place the base somewhere steady where it won't fall over e.g. in a cup.



- 4**
Insert the end of the stick into the stool sample at three different positions. Try to avoid grains, fibre and air bubbles. Ensure that both grooves on the end of the stick are covered.



- 5**
Replace the stick into the blue end of the base and turn it clockwise until you feel a click.

Excess stool is wiped off in the blue funnel.



- 6**
Ensure the tube is completely closed, then shake for 3 minutes using the app to time it.

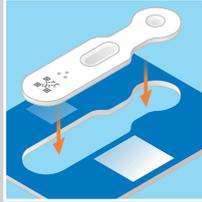
Step three

The test



1

Open the aluminium pouch and check there is no damage to the rapid test cassette or test window.



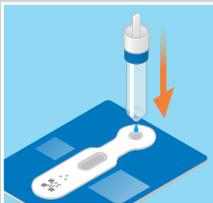
2

Place the cassette into the support frame.



3

Remove the red cap and throw away the first drop. Wipe the tip of the device with paper to ensure the tip is dry.



4

Hold the extraction device completely upright at a 90 degree angle above the rapid test cassette and put 2 drops into the circle. The fluid should fill into the window on the cassette.

If after 30 seconds this doesn't happen, then add one more drop.



5

Leave at room temperature for 15 minutes, using the app to time it.

Step four Run the test



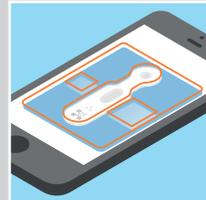
1
After the test has incubated for 15 minutes, click the camera icon.



2
You now have 2 minutes to align the screen with the support frame to read the test (see steps 3 and 4).



3
Position your smartphone so that the yellow frame on your screen matches the edges of the support frame and the green square covers the barcode on the rapid test cassette.



4
When the barcode, test line and control line are correctly in frame, the app will automatically take the picture.



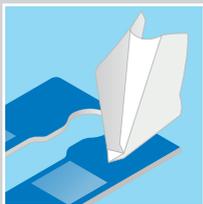
5
The calprotectin reading will be shown on the screen with a traffic light result:
Green = mild disease state (0 to 200mg/kg)
Amber = moderate disease state (200 to 500mg/kg)
Red = severe disease state (over 500mg/kg)

Your full history of test results will be stored in the app to view at any time.

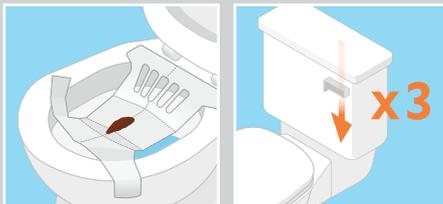
Step five Tidy up



1
After you have read the test, you can discard the rapid test cassette, but clean and store the support frame for further use.



2
Clean and store the support frame for further use.



3
Remove the EasySampler and flush it down the toilet bowl with two or three full flushes.



4
Dispose of the extraction device, nitrile gloves and tissues.



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