Instructions Quattro Calf Diarrhoea Tester

Please note before use:
For single use only: use a new test cassette, a new pipette and a new sample tube for each new test.
Use the test cassette within 60 minutes after opening the foil package.
Do not use test if package is damaged.
Consider the required test quantity; too much faecal matter may interfere with the test run.
Do not drip sample into the reaction field (result field).
Only use enclosed buffer material.
After mixing the faecal sample with the test solution, use the mixture immediately.
Hold on to the indicated reaction times.
Faecal samples may be infectious.
Take appropriate provisions for handling and disposal of the sample and the used materials.
Disinfect the work area after the test has been carried out.

Preservation:
Store between 2 and 30°C. Do not store the test cassette in a freezer.

Contents of the test kit:
1x test cassette
1x pipette
1x sample tube with 1.5 ml test solution

Note: In the reaction field a green line is visible in the T-area (test) and in the C-area (control) prior to the test. These are used for quality control and will be washed away by the test solution during the test.

Information for the sample material:
The best sample material is freshly collected faecal matter. This sample should be at room temperature (18-25°C) at the time of the test. Mix the sample thoroughly prior to testing.

Note: Do not take a faecal sample from the floor. The inclusion of large faecal particles in the sample should be avoided.

Sample preparation:
The faecal sample has to be brought to room temperature prior to carrying out the test. Unscrew the lid of the sample tube and use the pipette to take up liquid faecal matter out of the faecal sample. Drip 3 to 6 drops, depending on the consistency of the faecal sample, of the test material from the pipette into the sample tube.
The more liquid the test material is, the more drops are needed. The discolouration of the test solution indicates that sufficient sample material has been used.

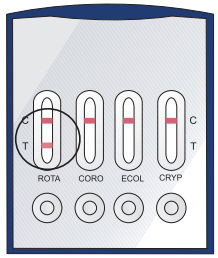
Test procedure:
Shake the sample tube thoroughly. Break off the tip of the sample tube by pressing firmly. Remove the test cassette from the aluminium protective foil and place the cassette horizontally on a flat surface. Hold the sample tube with the lid down above the test cassette and drip 3 drops of test material into all four test fields.

If the liquid does not run up the test strip after a few seconds, some more test material can be dripped into the test field until the liquid starts to run.

Hint: If the test does not start or the run on the test strip is disturbed, the tip of the pipette can be used to press directly into the test field to reactivate the test run.

Test evaluation:
The test result can be read out after 10 minutes.

In this example Rotavirus has been detected. Coronavirus, E. coli K99 and Cryptosporidium parvum have not been demonstrated.



For a positive test result two red lines appear in the reaction field of the test cassette. A red line in the T-area of the reaction field indicates a positive test result. A vague red line is also considered a positive result. If no red line appears in the T-area, the test is negative.
The second red line in the C-area of the reaction field is the control line and indicates that the test has been performed correctly. The line in the C-area is not a reference line and can have a different intensity than the line in the T-area.

Invalid result:
If no control line appears in the C-area after the test has been carried out, the test is considered invalid. In this case the test may not have been carried out correctly or the expiration date has expired. In this case, a new test has to be carried out.

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