

Instruction card CombiScreen® urine test strips from Analyticon



Step 1:

Open and remove the sleeve.



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Step 2:

Remove the plug and open the vial.



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Step 3:

Take out a test strip.



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Step 4:

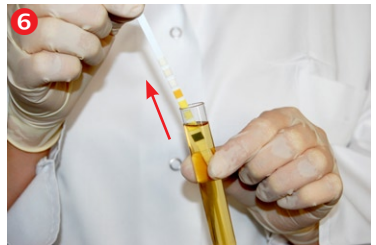
Close the vial immediately.



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Step 5:

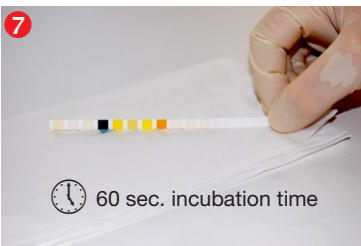
Dip the strip about 2 sec. into the sample and take care all pads are wet.



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Step 6:

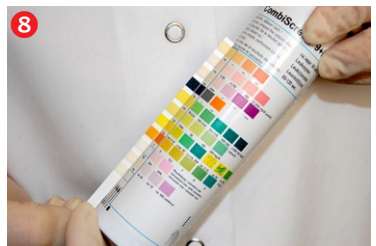
Wipe off excess urine at the edge of the tube.



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Step 7:

Dip the strip on a tissue and keep it horizontal.



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Step 8:

Compare the colour of the pads with the label after 60 sec. This example is negative.



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Step 9:

In this example Glucose and Ascorbic acid is positive.



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Step 10:

Note the results*.

The visual evaluation should be carried out in diffuse daylight.

*We recommend using the prepared form which is available as a PDF-download from the homepage of Analyticon under: www.analyticon-diagnostics.com/Service&Support/Downloads/Urine_Testing_Results



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How to use CombiScreen® urine test strips

Storage of test strips:

- Store test strips in a cool, dry place (2-30°C), but not in the refrigerator!
- Close tube immediately after taking out strips
- Avoid exposure of test strips to light, especially to direct sunlight

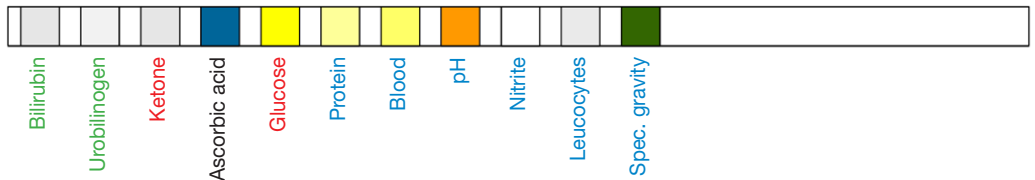
Collecting of samples

- Use fresh, well-mixed and uncentrifuged without any preservatives (if possible first morning urine)
- Use clean containers, without residues of cleaning agents or disinfectants
- Protect the sample from light; check it as soon as possible (within 2 hours).
- If the test cannot be performed immediately, the specimen must be stored in a refrigerator (2 – 8°C) and allowed to reach room temperature again before testing (15 – 25°C).

Sources of error:

- Tube has been open for a longer time (damage of most parameters)
- Strips had been exposed to direct sunlight before measurement (damage of most parameters)
- Strip container had been stored at high temperature for a longer time (reduced sensitivity for several parameters)
- The container may contain residues of cleaning or disinfecting agents (false positives for glucose, blood, protein)
- The sample is stored for a long time (false positive for nitrite, lower values for glucose, higher values for pH, lysis of erythrocytes and leucocytes)
- The sample is exposed to light (false negatives for Bilirubin, Urobilinogen)
- The sample has been centrifuged (analytes can be adsorbed at sediment)

Therapeutic indications



Multiparameter test strips can be used to establish early symptoms of the following groups of diseases:

Diseases of the kidneys and the urogenital tract:

Nitrite, Blood, pH, Leucocytes and Spec. gravity

Metabolic disorders:

Glucose and Ketone

Liver and haemolytic diseases:

Bilirubin and Urobilinogen

