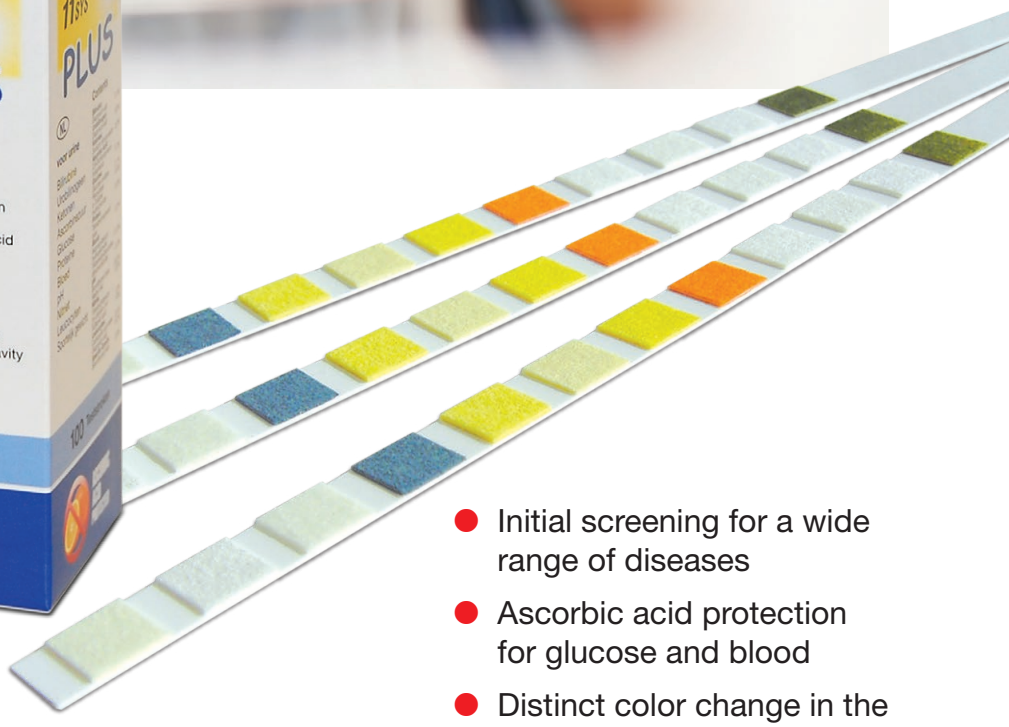
CombiScreen® PLUS

analyticon®



- Initial screening for a wide range of diseases
- Ascorbic acid protection for glucose and blood
- Distinct color change in the clinically relevant range

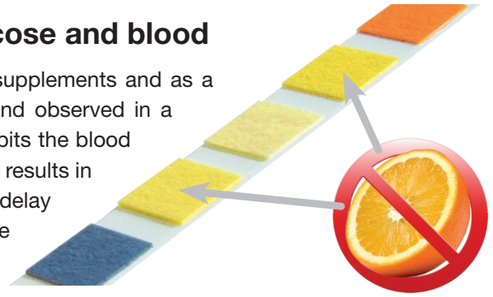
Application of urine test strips

Urine test strips are easy-to-use, cost-effective and provide fast and reliable information on pathological changes in the organism. Urine test strips are intended to be used as a screening test for

- Kidney diseases and urinary tract infections
- Metabolic disorders like diabetes mellitus
- Liver and hemolytic diseases

Furthermore, they are often used to monitor the success of a prescribed therapy or to self-monitor the metabolic situation of diabetic patients.

Excellent ascorbic acid protection for glucose and blood

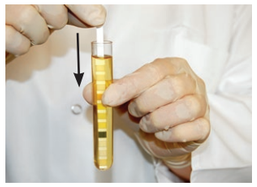


Ascorbic acid (vitamin C) is ingested through foods, dietary supplements and as a preservative. Excess ascorbic acid is excreted in the urine and observed in a high proportion of the population. However, ascorbic acid inhibits the blood and glucose test pad reaction, which may cause false-negative results in the presence of hematuria or glucosuria and in consequence delay of necessary diagnostic or therapeutic measures. Therefore, the CombiScreen® PLUS urine test strips are equipped with an active protection of the glucose and blood test pad, which largely eliminates the interference with ascorbic acid. The classic CombiScreen® urine test strips do not include an ascorbic acid protection. However, a test pad indicates the level of ascorbic acid in the urine to provide a hint of possible interferences.

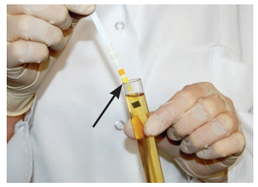
Easy-to-use

The CombiScreen® urine test strips have a consistent reading time of 60 seconds (up to 120 for leucocytes). The long handle end prevents contact with the test pads, ensuring hygienic evaluation of the urine test strips. The aluminum vial sealed with a desiccant stopper protects the strips from light as well as humidity and allows one-hand operation.

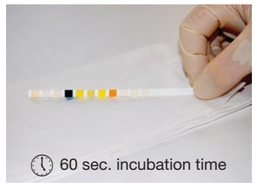
Four simple steps to achieve a multi-parameter result



– Collect the midstream specimen of urine (preferably morning urine).
– Dip the strip about 2 sec.
– Take care all pads are wet.



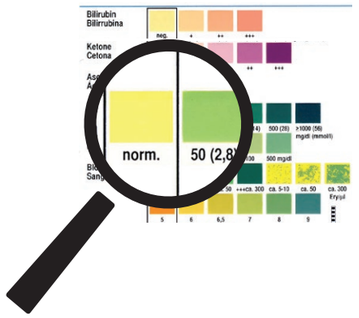
– Wipe off excessive urine at the edge of the tube.



– Dip the strip on a tissue and keep it horizontal. Incubation time: 60 sec., Leucocytes up to 120 sec.

– Compare the color of the test pads with the label after 60 sec. In this example Glucose and Ascorbic acid is positive.
– Note the result.

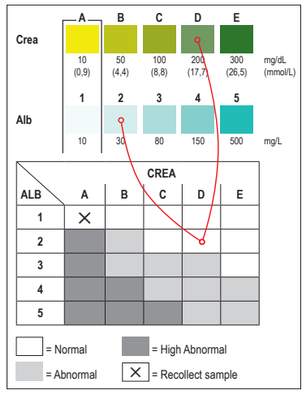
Distinct color changes in the clinically relevant range



In order to obtain clear results, CombiScreen® urine test strips show a distinct color change in the clinically relevant range, which enables the differentiation between normal and suspicious findings. Furthermore, the high sensitivity of our test pads shows clinically significant results for each parameter even at low concentration levels (e.g. the glucose pad will react already at 50 mg/dl).

CombiScreen® mALB / CREA for detection of microalbuminuria

The strip is used for screening of microalbuminuria in people with chronic diseases such as diabetes mellitus or high blood pressure, who have an increased risk of developing a chronic kidney disease.



- The urine test strip is based on the evaluation of albumin-to-creatinine ratio in spontaneous voided urine samples, which eliminates the need of 24-hour sample collection.
- The albumin-to-creatinine ratio provides accurate information on albumin level in urine, regardless of the urine concentration.
- Fast an easy handling: The result can be read directly from the table on the label after 60s.
- The detection limit of approx. 20 mg/l Albumin offers a screening assay with high sensitivity.