

# Determination of urobilinogen in urine

**As with bilirubin, the principle of azocoupling reaction** with a stable diazonium salt (eg 4-methoxybenzenediazonium tetrafluoroborate) is used to determine urobilinogen in urine . The indication zone turns pink to red in the presence of urobilinogen. The faint pink color still corresponds to the physiological excretion of urobilinogen. In the presence of bilirubin , the color is yellow, which turns green to blue after 1 minute.

Some heterocyclic nitrogenous substances produced by bacteria in urinary tract infections can cause false positives . High concentrations of ascorbate can cause false negatives .

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