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Urinalysis

A **urinalysis** is a test of your urine. A **urinalysis** is used to detect and manage a wide range of disorders, such as urinary tract infections, kidney disease and diabetes. A **urinalysis** involves checking the appearance, concentration and content of urine.

A **urinalysis** (**UA**) is one of the most common methods of medical diagnosis.There are three basic components to urinalysis: gross examination, chemical evaluation, and microscopic examination.

Gross examination targets parameters that can be measured or quantified with the naked eye (or other senses), including volume, color, transparency, odor, and specific gravity.

A part of a urinalysis can be performed by using urine test strips, in which the test results can be read as color changes. Another method is light microscopy of urine samples.the **average value for urine** pH is 6.0, but it can **range** from 4.5 to 8.0. **Urine** under 5.0 is acidic, and **urine** higher than 8.0 is alkaline, or basic. Different laboratories may have different **ranges** for "**normal**" pH **levels**.

Abnormal urine color may be caused by **infection**, **disease**, medicines, or food you eat. Cloudy or milky urine is a sign of a urinary tract **infection**, which may also cause a bad smell. Milky urine may also be caused by bacteria, crystals, fat, white or red blood cells, or mucus in the urine.