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Question

Write a short note on Urinalysis

Urinalysis

A urinalysis is a test done on urine. It's 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. Abnormal urinalysis results may point to a disease or illness. For example, a urinary tract infection can make urine look cloudy instead of clear. Increased levels of protein in urine can be a sign of kidney disease. Unusual urinalysis results often require more testing to uncover the source of the problem.

There are three basic components to urinalysis: gross examination, chemical evaluation, and microscopic examination. Gross examination targets parameters that can be measured or with the naked eye, 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.