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Question

Write a short note on 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 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.

A urinalysis is a common test that's done for several reasons:

- **To check your overall health.** Your doctor may recommend a urinalysis as part of a routine medical exam, pregnancy checkup, pre-surgery preparation, or on hospital admission to screen for a variety of disorders, such as diabetes, kidney disease and liver disease.
- **To diagnose a medical condition.** Your doctor may suggest a urinalysis if you're experiencing

abdominal pain, back pain, frequent or painful urination, blood in your urine, or other urinary problems. A urinalysis may help diagnose the cause of these symptoms.

- **To monitor a medical condition.** If you've been diagnosed with a medical condition, such as kidney disease or a urinary tract disease, your doctor may recommend a urinalysis on a regular basis to monitor your condition and treatment.

Other tests, such as pregnancy testing and drug screenings, also may rely on a urine sample, but these tests look for substances that aren't included in a typical urinalysis. For example, pregnancy testing measures a hormone called human chorionic gonadotropin

(HCG). Drug screenings detect specific drugs or their metabolic products, depending on the purpose of the testing.