OSMOLALITY URINE

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 3 Days

Specimen Required: Urine

Price- ~~₹1300~~ **₹600**

Parameters Included

About This Test

Urine osmolality measures the concentration of solutes, such as electrolytes, urea, and glucose, in the urine. This test helps evaluate the kidney's ability to concentrat or dilute urine, providing insights into the body's water-electrolyte balance and kidney function. **Key Points:** - **Function:** Urine osmolality reflects how effectively th kidneys can concentrate or dilute urine. It indicates the amount of water being excreted or conserved by the kidneys. - **Clinical Relevance:** This test is used to diagnos and monitor conditions like dehydration, overhydration, kidney disorders, diabetes insipidus, and syndrome of inappropriate antidiuretic hormone secretion (SIADH). - **Interpretation:** High urine osmolality indicates concentrated urine, which may be due to dehydration, high solute intake, or SIADH. Low urine osmolality indicates dilut urine, which can result from overhydration, diabetes insipidus, or certain kidney disorders. - **Procedure:** A urine sample is collected and analyzed in a laboratory to measure osmolality, typically expressed in milliosmoles per kilogram (mOsm/kg). Urine osmolality is a valuable diagnostic tool for assessing kidney function and the body fluid and electrolyte status.

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**Fasting 10–12 hrs essential | *Limited Period Offer | *Reports within Within 3 Days*

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