

URINARY SYSTEM ANATOMY

Physiology Study Reference

[Illustration: Kidneys, Ureters, Bladder, Urethra]

ANATOMICAL STRUCTURE	PRIMARY FUNCTION & CHARACTERISTICS
Kidneys (L/R)	Filters blood to produce urine; regulates electrolytes and blood pressure via nephrons.
Ureters	Two thin tubes that transport urine from the renal pelvis to the urinary bladder.
Urinary Bladder	Muscular sac that stores urine; expands and contracts via the detrusor muscle.
Urethra	The canal through which urine is discharged from the body.
Renal Artery/Vein	Blood supply route for filtration and return to systemic circulation.

Additional Clinical Notes / Nephron Details: