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Renal Structure and Function

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| **Across**  **4.** Where approx. 65% of re-absorption occurs  **8.** Proteinuria, Hypoalbunemia, hyperlipidemia  **11.** Enzyme that is stored in the juxtaglomerular cells  **17.** Reliable indicator of renal function  **19.** Potent vasoconstrictor  **20.** Stimulated by tissue hypoxia  **21.** Also known as vasopressin  **22.** Results from diabetes, hypertension, glomerulonephritis | **Down**  **1.** Hematuria, flank pain, and presence of palpable flank mass  **2.** Linked to chromosome 16, 4, & 6  **3.** Sodium sensing cells  **5.** Interference with the flow of urine at any site along the urinary tract  **6.** End product of muscle metabolism  **7.** Escherichia Coli is the causative agent in ~80% of cases  **9.** ~80-90% of all stones  **10.** Most common cause of end stage renal failure  **12.** Regulates sodium & potassium elimination  **13.** Controls the concentration of urine  **14.** Functional unit of kidney  **15.** 1 in 300 infant boys  **16.** Product of purine metabolism  **18.** Influenced by fluid volume & protein intake |