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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  |