

AG			
Parts	-stroma -paranchyma (cortex & medulla)		
Cortex			
Parts	Glomerulosa	fasciulate	Reticularis
Site	Outer	Intermediate	Inner
Histo	- <u>clusters</u> of columnar cells	-large <u>columns</u> of polyhedral cells -columns are separated from one another by longt. Sinusoidal capillaries	-formed of anastomosed cords -deeply acidophilic (eosinophilic)
Rich in	SER & mitochondria	-Lipid (spongiocytes) that's why it appears empty in L/M, cuz lipid dissolves -mitochondria -SER -lipofuscin pigments	-lipid droplets  -very minute amount of lipofuscins
Hormones	Mineralcorticoids (aldosterone)	Glucocorticoids (regulated by ACTH)	Androgen
Hormone fun	-Na & Cl, reabsorbtion from renal distal tubules -K & H Active secretion into renal tubules lumen		
Medulla			
Note	-NOT separated from cortex by anything (even CT)		
Cells	<b>Chromaffins</b> -aka: pheochromocytes -contain granules of CAT (E & NE) -connected to symp. -stain: chromic salts (appear deep brown)		<b>Symp gang. Cells</b>  -highly dependant on chromaffins