

ADRENAL GLAND: STRUCTURAL ANATOMY

[ILLUSTRATION: CROSS-SECTION OF ADRENAL GLAND]

Layer	Zone	Primary Function & Secretions
CAPSULE	Outer Layer	Protective connective tissue envelope.
ADRENAL CORTEX	Zona Glomerulosa	Produces Mineralocorticoids (e.g., Aldosterone). Regulates salt/water balance.
	Zona Fasciculata	Produces Glucocorticoids (e.g., Cortisol). Regulates metabolism and stress response.
	Zona Reticularis	Produces Androgens (e.g., DHEA). Supports reproductive development.
ADRENAL MEDULLA	Inner Core	Produces Catecholamines (Epinephrine & Norepinephrine). Triggers "Fight or Flight" response.