

ADRENAL GLAND ANATOMY

Suprarenal System Reference Chart

1. Adrenal Cortex
2. Adrenal Medulla
3. Capsule
4. Renal Superior Pole

Location: Atop the kidneys (retroperitoneal space).

Shape: Right (Pyramidal), Left (Semilunar).

ZONE	HORMONE PRODUCED	PRIMARY FUNCTION
Zona Glomerulosa	Aldosterone	Mineral balance / Blood pressure
Zona Fasciculata	Cortisol	Glucose metabolism / Stress response
Zona Reticularis	Androgens (DHEA)	Precursor to sex hormones
Adrenal Medulla	Epinephrine / Norepinephrine	Acute stress (Fight-or-Flight)

Standard Observations:

Average weight: 4-5g per gland. Blood supply via Superior, Middle, and Inferior suprarenal arteries. Controlled by ACTH (Cortex) and Sympathetic Nervous System (Medulla).