

Kidney – Distal Tubule

1) Cells sensitive to the action of aldosterone

(mineralocorticoid involved in controlling $[\text{Na}^+]_{\text{blood}}$)

contain MC receptor

2) Observation: Cells broken *in vitro* respond to glucocorticoids very well

(reason is that cortisol and cortisone bind better to MC receptor than aldosterone does)

How does the body distinguish glucocorticoids & aldosterone to mediate MC action specifically?

