



References on the Administration of Deoxycorticosterone Using ALZET® Osmotic Pumps

P3238: M. J. Lobo, *et al.* Effect of chronic intravenous injection of steroid hormones on body weight and composition of female rats. *Biochem. Molec. Biol. Intl* 1993;29(2):349-358

ALZET Comments: Progesterone; Cortisol; Cortisone; Corticosterone; Dehydroepiandrosterone; Androstenedione, 4-; Androstendiol, 5-; Testosterone; Nortestosterone, 19-; Estradiol, B-; Estrone; Estriol; Deoxycorticosterone; PEG 400; IV (lower cava); Rat; 2002; 15 days; controls received mp with PEG; no stress (see pg. 351); pumps placed into peritoneal cavity and sutured to musculature; surgical wound sprinkled with sulphathiazol.

P0612: R. Phillips, *et al.* Effect of mineralocorticoids and glucocorticoids on compensatory adrenal growth in rats. *Am. J. Physiol* 1985;248(4):E450-E456

ALZET Comments: Aldosterone; Fluorocortisol acetate, 9a-; Corticosterone; Deoxycorticosterone; Dexamethasone; Ethanol; Propylene glycol; Water; SC; Rat; 3 days; replacement therapy (unilateral adrenalectomy); each mp used twice, 3 days in one animal, then 3 days in another; cannot tell if stability/concentration of ald. determined by RIA before or after exp.

P0194: P. Komanicky, *et al.* Hypertensinogenic potencies of aldosterone and deoxycorticosterone in the rat. *Hypertension* 1982;4(1):140-145

ALZET Comments: Aldosterone acetate; Deoxycorticosterone acetate; Ethanol; Propylene glycol; Water; SC; Rat; 1701; 3 weeks; additional pump implanted after 7 and 14 days adjacent to the 'spent' pumps.

P0182: J. Carroll, *et al.* The relationship between plasma 18-hydroxy-11-deoxycorticosterone levels and production of hypertension in the rat. *J. Steroid Biochem* 1981;14(989-995)

ALZET Comments: Deoxycorticosterone, 18-OH-; Deoxycorticosterone acetate, 11-; Ethanol; Propylene glycol; Water; SC; Rat; 3 weeks/ 2 days; pumps replaced on days 7 & 14 in Exp. 1.

P0140: J. Carroll, *et al.* 5a-dihydro-11-deoxycorticosterone: effect on blood pressure in the rat. *Steroids* 1981;37(1):111-120

ALZET Comments: Deoxycorticosterone acetate; Deoxycorticosterone acetate, 11-; Deoxycorticosterone, 5a-dihydro-; Deoxycorticosterone, 5a-dihydro-11-; Ethanol; Propylene glycol; SC; Rat; 7 days; no comment posted.

P0061: P. C. Will, *et al.* Polyethylene glycols as solvents in implantable osmotic pumps. *J. Pharm. Sci* 1980;69(6):747-749

ALZET Comments: Aldosterone; Corticosterone; Deoxycorticosterone acetate; Dexamethasone acetate; Estradiol, 17B-; Hydrocortisone; Progesterone; Spironolactone; Testosterone; PEG; PEG 400; PEG 600; IP; Rat; 1701; no duration posted; 3-7 days aldosterone, 6 days PEG only; replacement therapy (adrenalectomy).