

rec_id	text_result	value	result_value	parameter	solute	species	membrane_prot	celltype	segment	region	reference	refitle	comments	validation
295	zzz	13.5	13.5 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	CCD ()	C (cortex)	Tomita, K., J. J. Pisano and M. A. Knepper (1985).	Small intestine (jejunum) rat in vivo study of the effect of ANF on Na⁺ transport in the CCD of the rat kidney. <i>Am J Physiol</i> 249:R1000-R1004.	no expression in vitro microperfusion of CCD from deoxy-corticosterone treated rats	1
296	zzz	54	54 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	CCD ()	C (cortex)	Tomita, K., J. J. Pisano and M. A. Knepper (1985).	Small intestine (jejunum) rat in vivo study of the effect of ANF on Na⁺ transport in the CCD of the rat kidney. <i>Am J Physiol</i> 249:R1000-R1004.	AP (1e-10 M) in vitro microperfusion of CCD from deoxy-corticosterone treated rats	1
383	ANF decreased net sodium absorption by 50-90%	3.40282e+38	zzzz	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	CCD ()	C (cortex)	Nouguuchi, H., J. M. Sands and M. A. Knepper (1989).	ANF inhibits Na⁺ and fluid absorption in cortical collecting duct of rat kidney. <i>Am J Physiol</i> 257:F1000-F1004.	fluorescence microperfusion study of rat kidney collecting ducts	1
384	zzz	14.5	14.5 pmol/mm/min (Range: 13 to 16)	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	CCD ()	C (cortex)	Nouguuchi, H., J. M. Sands and M. A. Knepper (1989).	ANF inhibits Na⁺ and fluid absorption in cortical collecting duct of rat kidney. <i>Am J Physiol</i> 257:F1000-F1004.	fluorescence microperfusion study of rat kidney collecting ducts	1
416	zzz	21	21 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	CCD ()	C (cortex)	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla	1
417	zzz	13	13 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	OMCD ()	zzz	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla	1
418	initial IMCD, deoxy-corticosterone increases Jna activity	18	18 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	IMCD ()	zzz	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla	1
419	terminal IMCD, deoxy-corticosterone increases Jna activity	11	11 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	IMCD ()	zzz	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	terminal IMCD, deoxy-corticosterone increases Jna activity	1
420	zzz	5.8	5.8 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	LDL ()	OM (outer medulla)	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	outer medulla (OM) study of Na⁺-K⁺-ATPase activities	1
421	initial 25% of LDL in IM	2.2	2.2 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	LDL ()	IM (inner medulla)	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	inner medulla (IM) study of Na⁺-K⁺-ATPase activities	1
422	terminal 50% of LDL in IM	3.2	3.2 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	LDL ()	IM (inner medulla)	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	terminal IM study of Na⁺-K⁺-ATPase activities	1
423	outer 25% of LAL in IM	3.6	3.6 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	LAL ()	IM (inner medulla)	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	outer 25% of LAL in IM study of Na⁺-K⁺-ATPase activities	1
424	inner 50% of LAL in IM	4.2	4.2 pmol/mm/min	Ji (solute absorption)	Na⁺ ()	rat ()	zzz	zzz	LAL ()	IM (inner medulla)	Terada, Y. and M. A. Knepper (1989).	Na⁺-K⁺-ATPase activities in renal tubule segments of rat inner medulla. <i>Am J Physiol</i> 257:F1000-F1004.	inner 50% of LAL in IM study of Na⁺-K⁺-ATPase activities	1
430	control conditions	1.1e-05	1.1e-05 cm/s	Pi (permeability)	Na⁺ ()	rat ()	zzz	zzz	IMCD ()	zzz	Sands, J. M., H. Nouguuchi and M. A. Knepper (1988).	Hormone effects on Na⁺ permeability of rat inner medullary collecting duct. <i>Am J Physiol</i> 255:F1000-F1004.	control conditions study of Na⁺ permeability	1
431	100 nM ANF.	1.2e-05	1.2e-05 cm/s	Pi (permeability)	Na⁺ ()	rat ()	zzz	zzz	IMCD ()	zzz	Sands, J. M., H. Nouguuchi and M. A. Knepper (1988).	Hormone effects on Na⁺ permeability of rat inner medullary collecting duct. <i>Am J Physiol</i> 255:F1000-F1004.	100 nM ANF study of Na⁺ permeability	1
4823	zzz	0.7	0.7 meq/day (n=5)	Fi (flow rate)	Na⁺ ()	rat ()	zzz	zzz	zzz	urine ()	Knepper M A, Burg M B. (1981).	Na⁺ balance study in rats. <i>Am J Physiol</i> 241:R1000-R1004.	New Zealand White rabbits (1-1.25 kg). Dietary Na content, 21 meq/kg.	1
4824	zzz	1.1	1.1 meq/day (n=6)	Fi (flow rate)	Na⁺ ()	rat ()	zzz	zzz	zzz	urine ()	Knepper M A, Burg M B. (1981).	Na⁺ balance study in rats. <i>Am J Physiol</i> 241:R1000-R1004.	New Zealand White rabbits (1-1.25 kg). Dietary Na content, 21 meq/kg.	1