Electro-osmotic total lithium intake PS120, [Li+]out=15mM 125  $k_7 = 0.005 \pm 0.001 \text{mm}^{-1}$ 0 NHE1, [Li+]<sub>out</sub>=15mM  $k_7 = 0.009 \pm 0.002 mn^{-1}$ 100 -PS120, [Li+]<sub>out</sub>=120mM  $k_7 = 0.0026 \pm 0.0001 \text{ mn}^{-1}$ NHE1, [Li $^{+}$ ]<sub>out</sub>=120mM k $_{7}$ =0.0044 $\pm$ 0.0001mn $^{-1}$ [Li+]/mM 75 50 25 0 20 30 10 40 50 60 0 time/mn