

pH measurements

concentration [$\mu\text{mol/l}$]	Ipul	Nvec
0	8.14	8.53
50	8.14	8.53
100	8.14	8.52
200	8.14	8.50
500	8.12	8.46
1000	8.10	8.36

Nvec Excretion measurements

sample	conc1 [$\mu\text{mol/l}$]	conc2 [$\mu\text{mol/l}$]
pH = 8.53	41,39786873	41,39786873
pH = 8.36	41,39786873	39,30019181
pH = 8.53	43,60751072	43,60751072
pH = 8.36	39,30019181	39,30019181
pH = 8.53	30,30247522	28,76701446
pH = 8.36	30,30247522	28,76701446

measured: 2 hour incubation of 7 adult Nematostella in 8 ml medium

concentration: $\mu\text{mol NH}_4 / 2 \text{ ml} \cdot 2\text{h}$