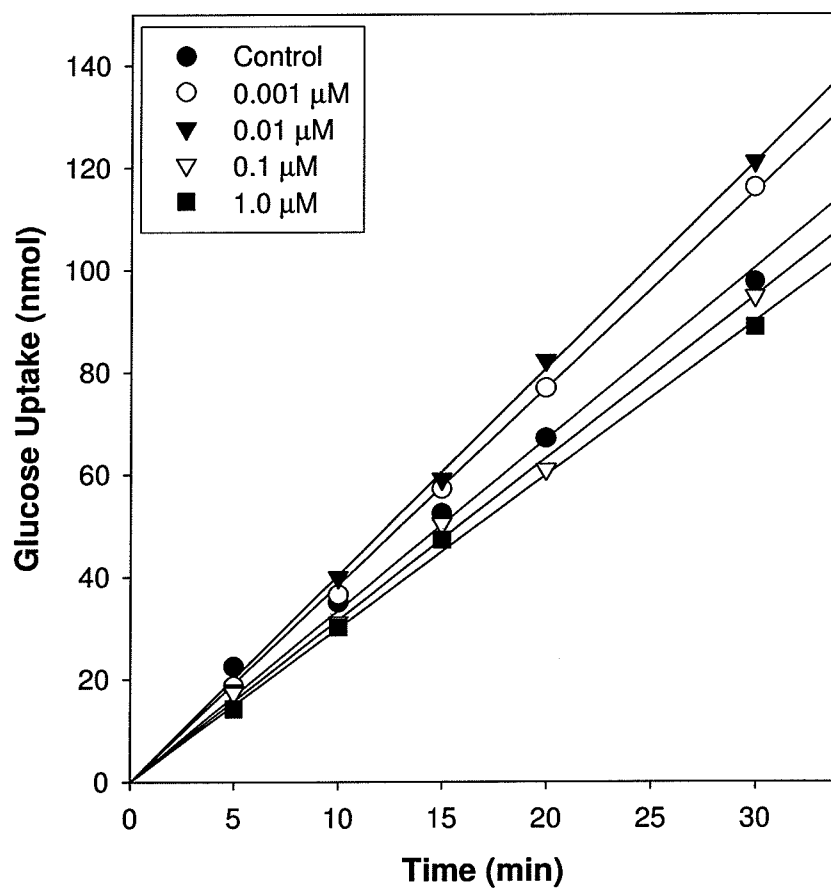
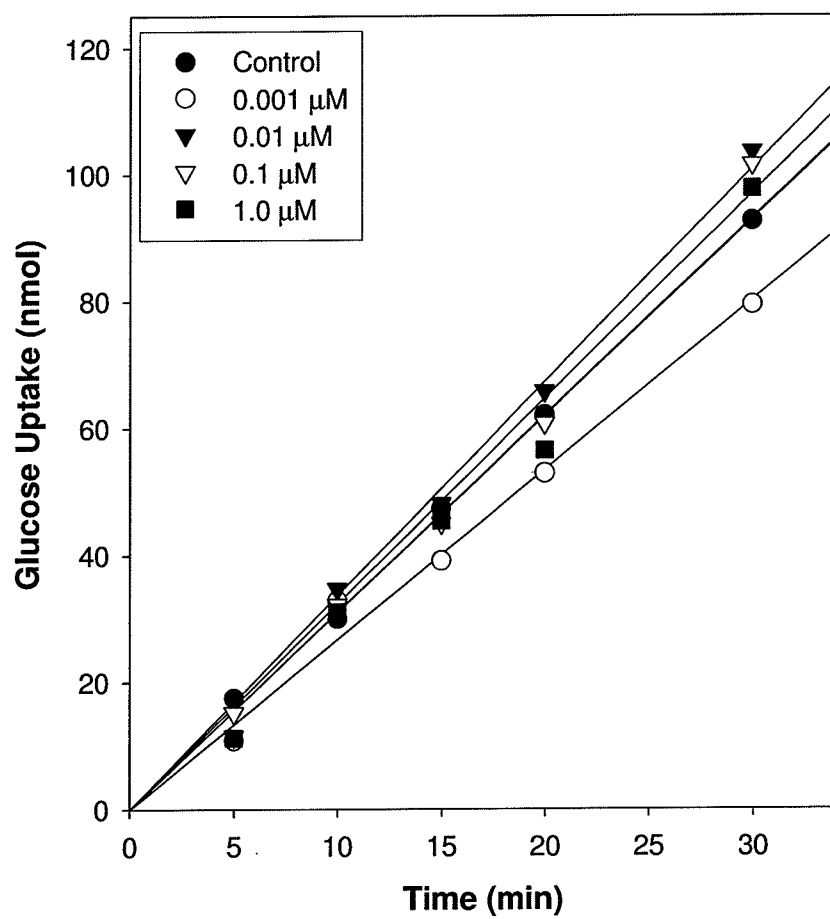




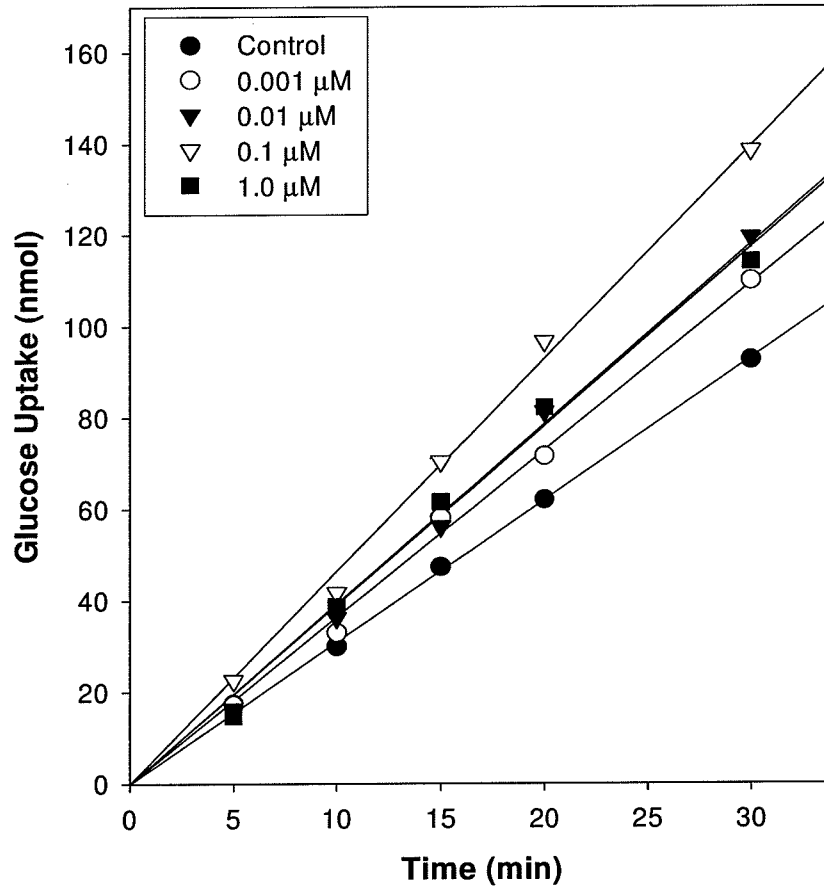
Control	Rate = 3.0420 ± 0.0605 nmol/min
K2 (0.001 μ M)	Rate = 3.9220 ± 0.0388 nmol/min
K2 (0.01 μ M)	Rate = 4.1350 ± 0.0688 nmol/min
K2 (0.1 μ M)	Rate = 3.0860 ± 0.1104 nmol/min
K2 (1.0 μ M)	Rate = 2.9690 ± 0.0974 nmol/min

Fig. 1



Control	Rate = 3.0420 ± 0.0605 nmol/min
K3 (0.001 μM)	Rate = 2.6170 ± 0.1982 nmol/min
K3 (0.01 μM)	Rate = 3.5970 ± 0.1285 nmol/min
K3 (0.1 μM)	Rate = 3.4030 ± 0.1794 nmol/min
K3 (1.0 μM)	Rate = 3.3490 ± 0.1940 nmol/min

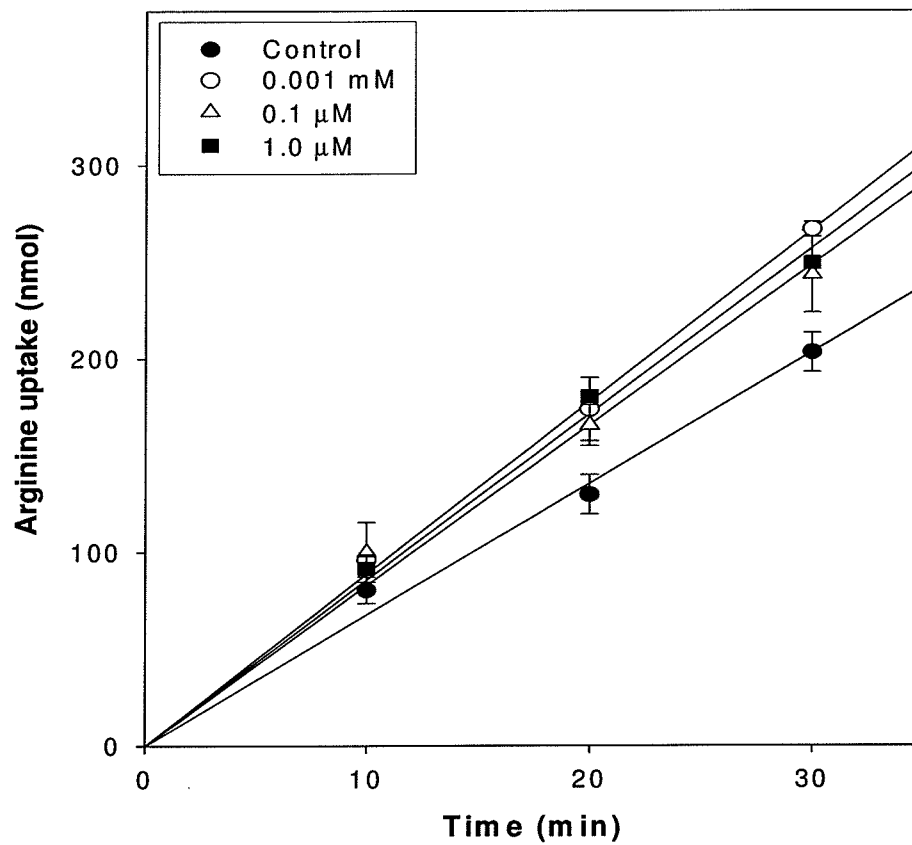
Fig. 2



Control	Rate = 3.0420 ± 0.0605 nmol/min
K4 (0.001 μ M)	Rate = 3.7320 ± 0.1447 nmol/min
K4 (0.01 μ M)	Rate = 4.1730 ± 0.0989 nmol/min
K4 (0.1 μ M)	Rate = 4.7450 ± 0.1745 nmol/min
K4 (1.0 μ M)	Rate = 3.9740 ± 0.2231 nmol/min

Fig. 3

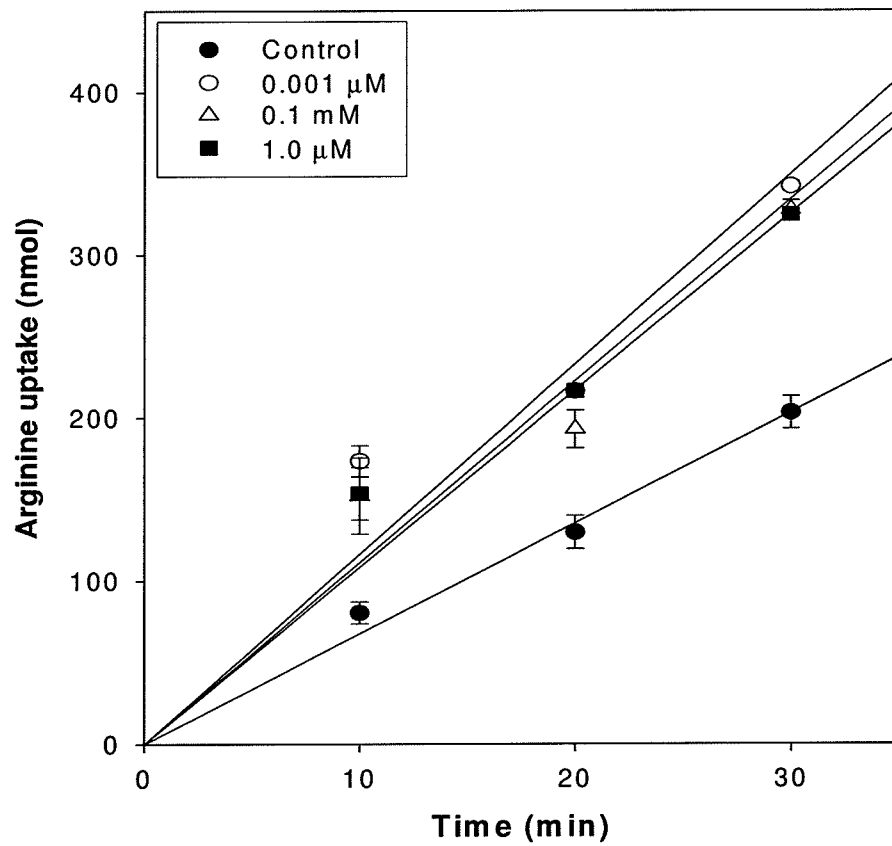
Arginine transport of K1



Control	Rate = 6.1390 ± 0.6935 nmol / min
K1 (0.001 μM)	Rate = 8.5490 ± 0.6102 nmol / min
K1 (0.1 μM)	Rate = 7.1640 ± 0.3526 nmol / min
K1 (1.0 μM)	Rate = 7.8920 ± 0.3526 nmol / min

Fig. 4

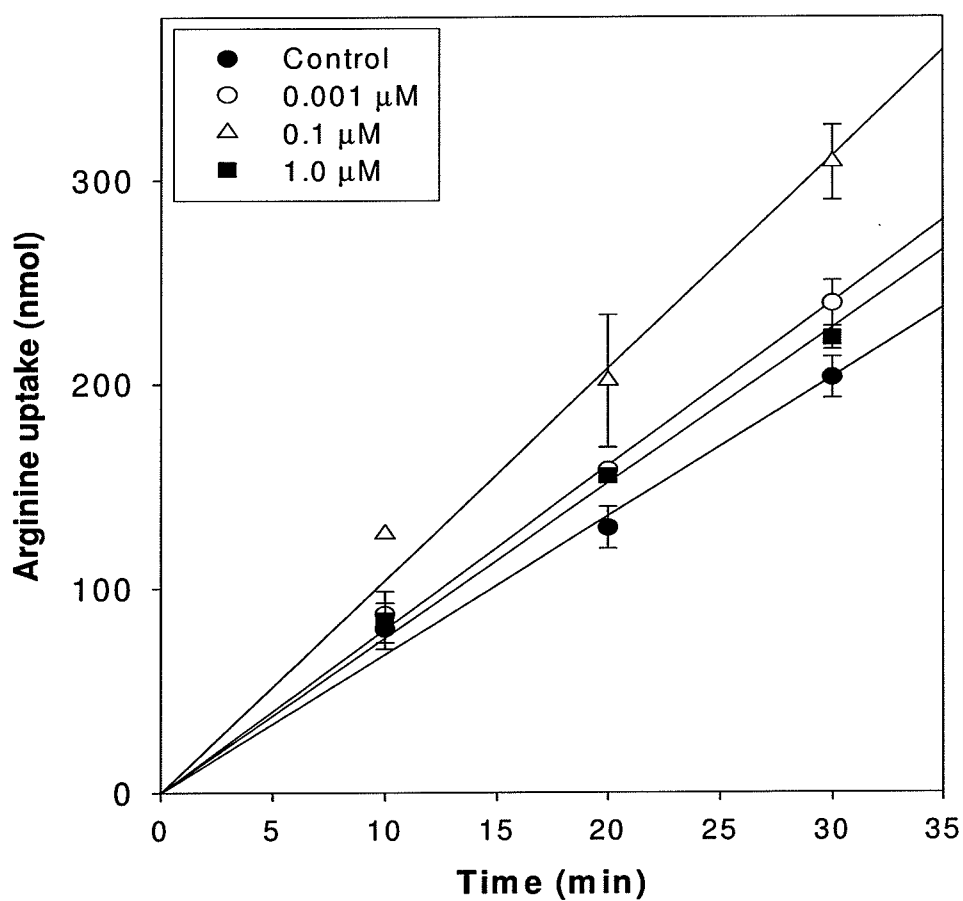
Arginine transport of K2



Control	Rate = 6.1390 ± 0.6935 n mol / min
K2 (0.001 μ M)	Rate = 8.4400 ± 2.3890 n mol / min
K2 (0.1 μ M)	Rate = 8.7740 ± 2.7020 n mol / min
K2 (1.0 μ M)	Rate = 8.5550 ± 1.3090 n mol / min

Fig. 5

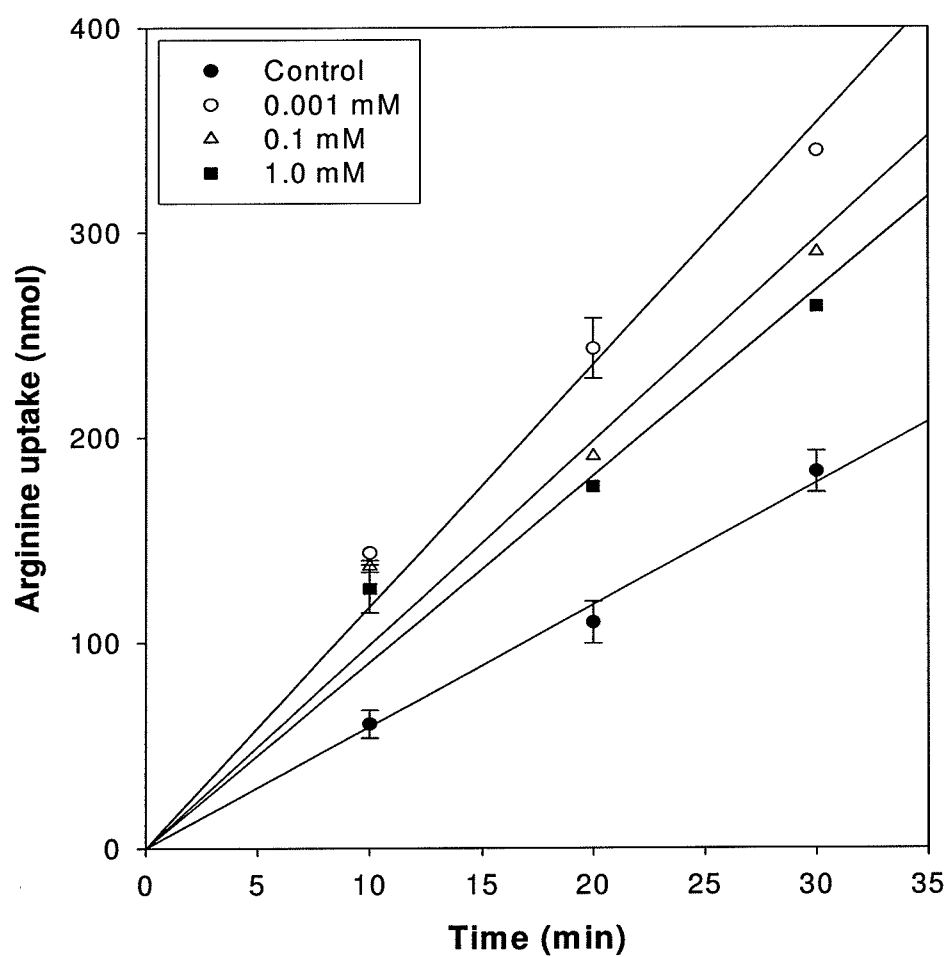
Arginine transport of K3



Control	Rate = 6.1390 ± 0.6935 n mol / min
K3 (0.001 μ M)	Rate = 7.6100 ± 0.3255 n mol / min
K3 (0.1 μ M)	Rate = 9.0900 ± 0.9357 n mol / min
K3 (1.0 μ M)	Rate = 6.9050 ± 0.0814 n mol / min

Fig. 6

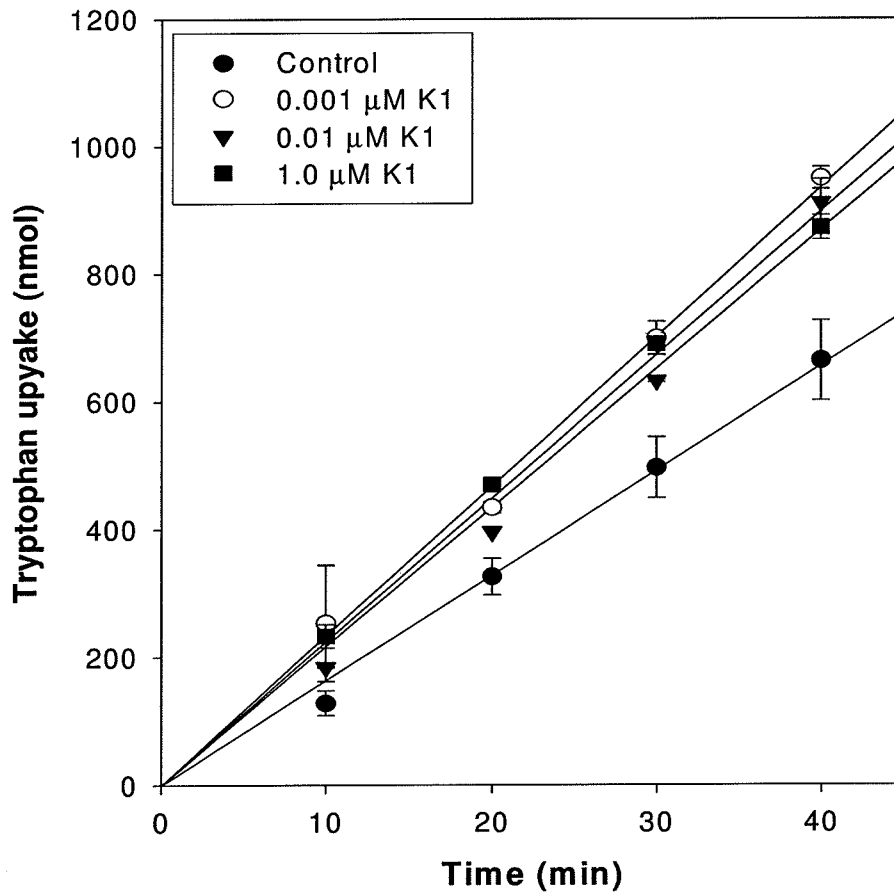
Arginine transport of K4



Control	Rate = 6.1390 ± 0.6935 n mol / min
K4 (0.001 μ M)	Rate = 9.7980 ± 0.0843 n mol / min
K4 (0.1 μ M)	Rate = 7.6420 ± 1.3290 n mol / min
K4 (1.0 μ M)	Rate = 6.8730 ± 1.0980 n mol / min

Fig. 7

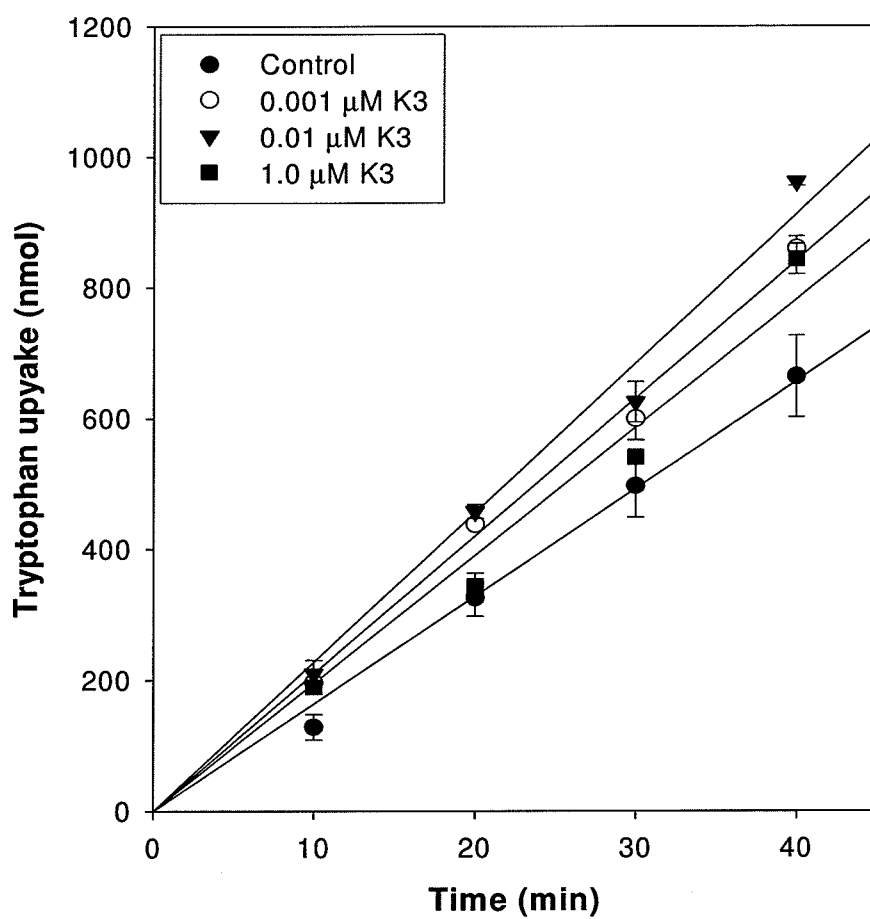
Tryptophan transport of K1



Control	Rate = 17.780 ± 0.501 nmol/min
0.001μ M K1	Rate = 23.550 ± 1.304 nmol/min
0.01μ M K1	Rate = 24.160 ± 1.063 nmol/min
1.0μ M K1	Rate = 21.390 ± 0.886 nmol/min

Fig. 8

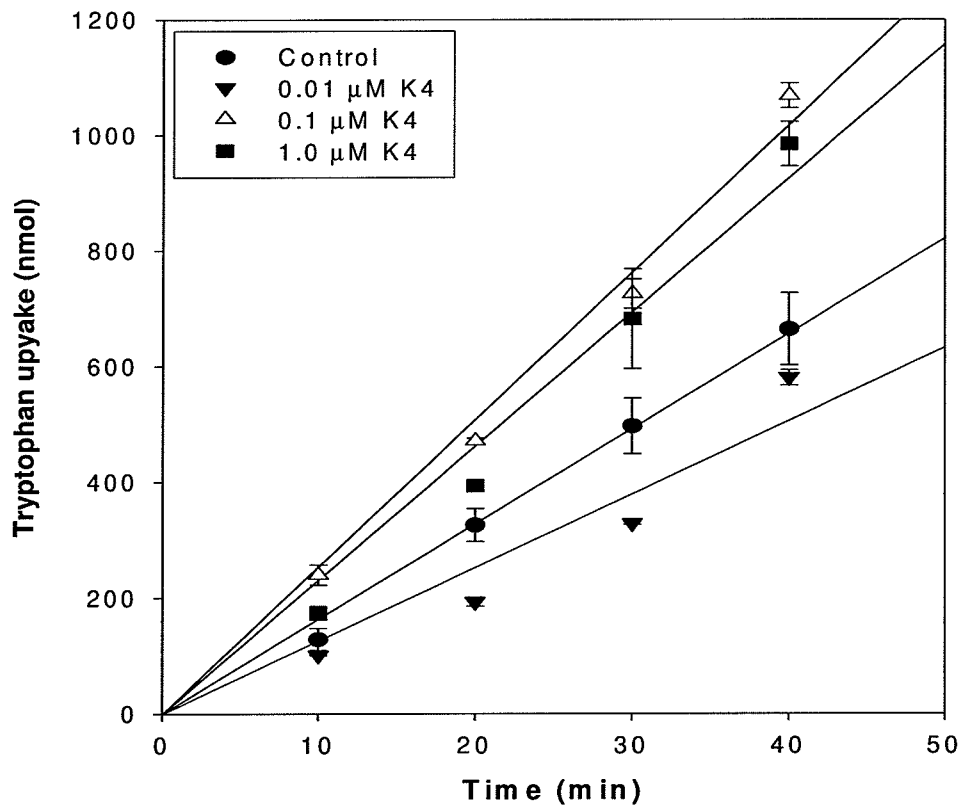
Tryptophan transport of K3



Control	Rate = 17.780 ± 0.501 n mol / min
0.01μ MK 3	Rate = 21.520 ± 1.298 n mol / min
0.1μ MK 3	Rate = 24.220 ± 2.257 n mol / min
1.0μ MK 3	Rate = 21.610 ± 2.419 n mol / min

Fig. 9

Tryptophan transport of K4



Control	Rate = 17.780 ± 0.501 nmol/min
0.01μ M K4	Rate = 15.720 ± 2.575 nmol/min
0.1μ M K4	Rate = 27.390 ± 1.818 nmol/min
1.0μ M K4	Rate = 27.200 ± 1.370 nmol/min

Fig. 10

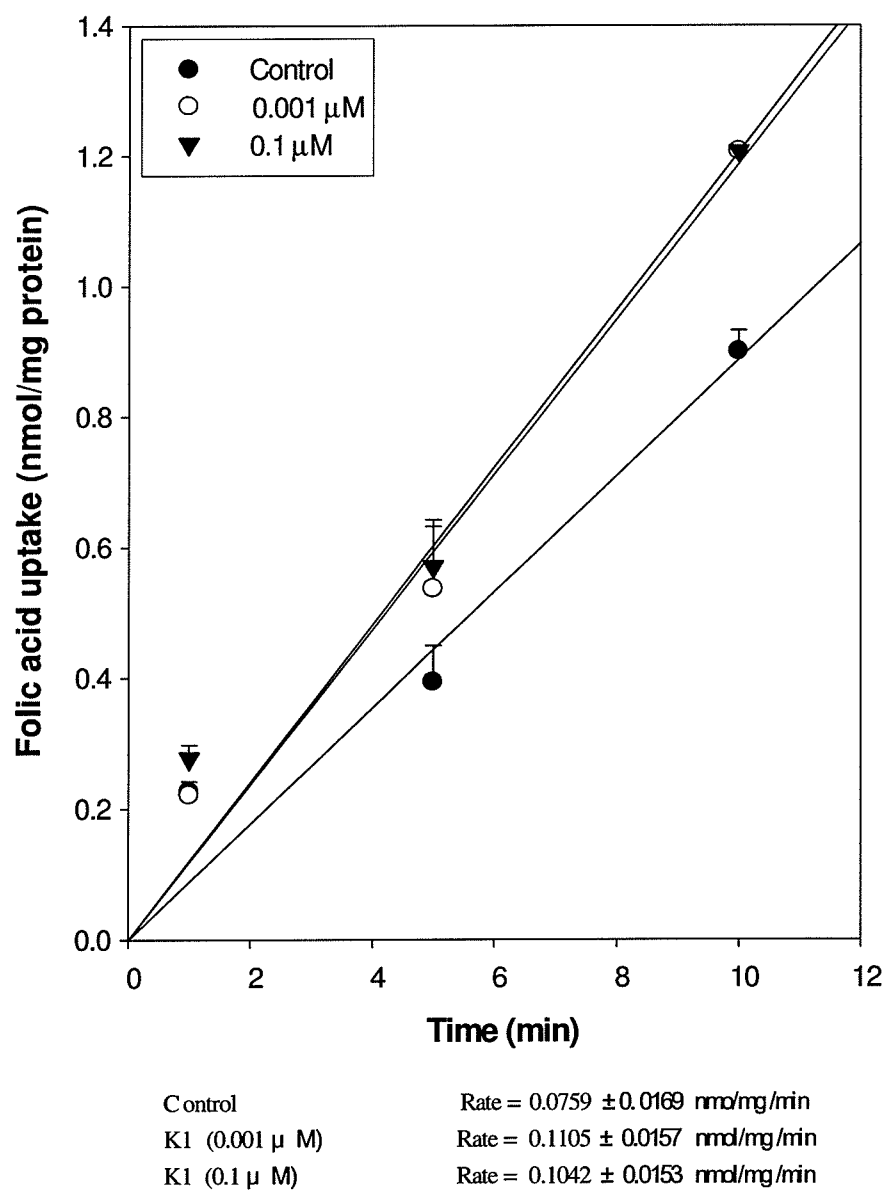
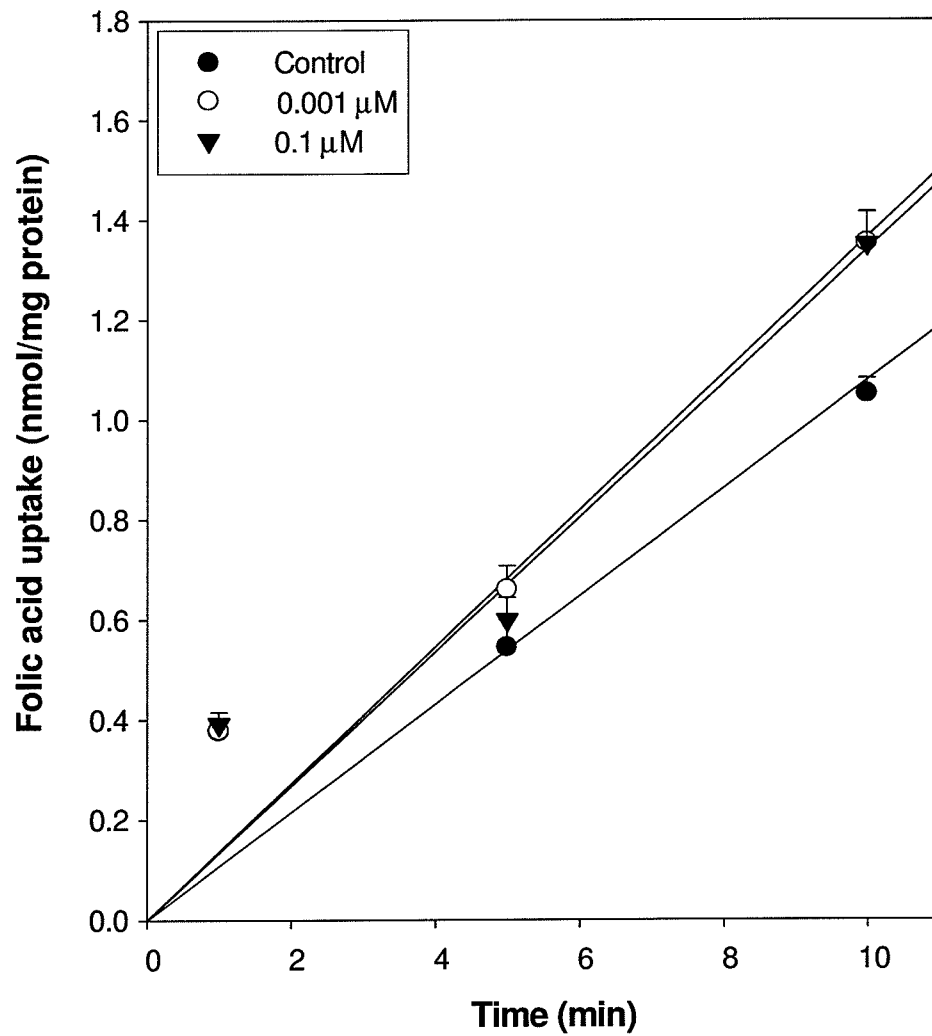


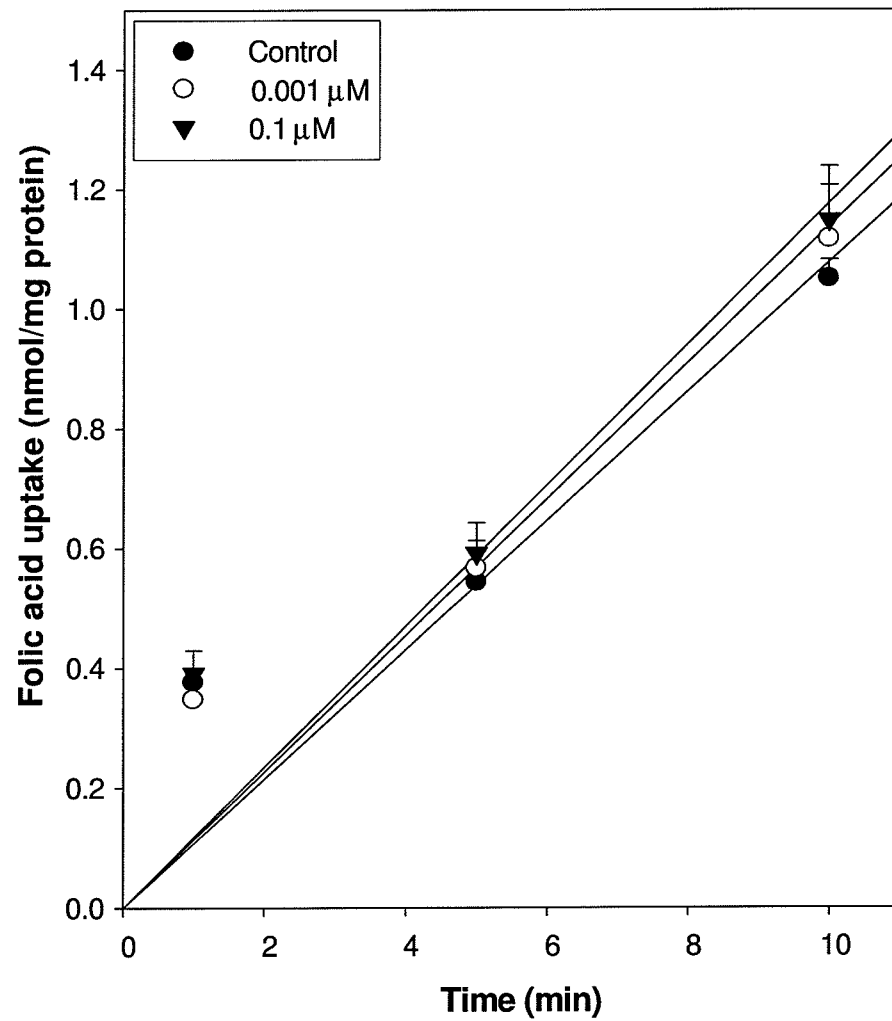
Fig. 11



Control
K2 (0.001 μM)
K2 (0.1 μM)

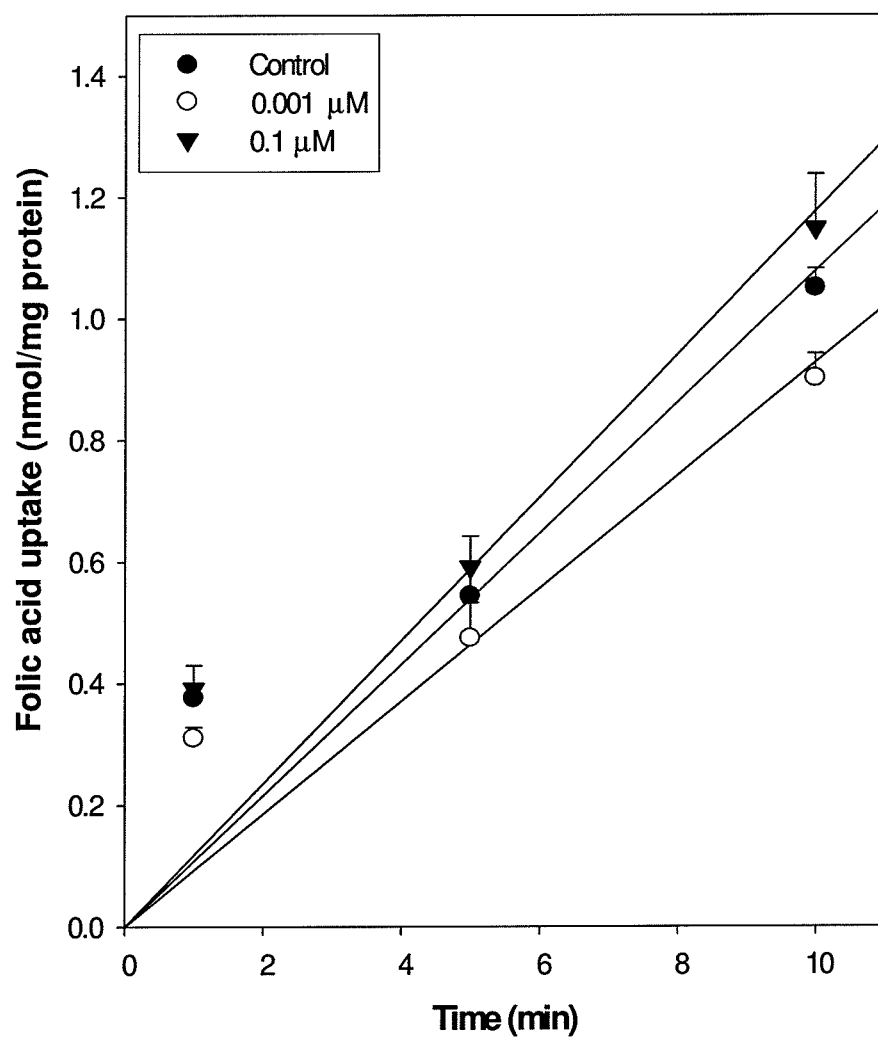
Rate = 0.0759 ± 0.0169 nmol/mg/min
Rate = 0.1094 ± 0.0194 nmol/mg/min
Rate = 0.1083 ± 0.0280 nmol/mg/min

Fig. 12



Control	Rate = 0.0759 ± 0.0169 nmol/mg/min
K3 (0.001 μ M)	Rate = 0.0864 ± 0.0157 nmol/mg/min
K3 (0.1 μ M)	Rate = 0.0852 ± 0.0174 nmol/mg/min

Fig. 13



Control	Rate = 0.0759 ± 0.0169 nmol/mg/min
K4 (0.001 μM)	Rate = 0.0665 ± 0.0126 nmol/mg/min
K4 (0.1 μM)	Rate = 0.0852 ± 0.0174 nmol/mg/min

Fig. 14