

Table 4

Volumes inaccessible to taurine (\bar{V}_{ti}) and water (\bar{V}_{wi}) in E. coli grown in MBM as a function of the osmolarity of the growth medium

Osmolarity of the growth medium.	\bar{V}_{ti} ^a	\bar{V}_{cyto} ^b	\bar{V}_{wi} ^c
0.10	2.97 ± 0.04	2.23 ± 0.12	0.74 ± 0.13
0.28	2.68 ± 0.15	2.08 ± 0.06	0.60 ± 0.16
0.28	2.61 ± 0.10	2.08 ± 0.06	0.53 ± 0.12
1.02	1.83 ± 0.09	1.18 ± 0.06	0.65 ± 0.11

All volumes are expressed in units of $\mu\text{l}/\text{mg}$ dry wt.

^a Mean (± 1 s.d.) of triplicate determinations.

^b From Table 1.

^c $\bar{V}_{wi} = \bar{V}_{ti} - \bar{V}_{cyto}$. The weighted mean (± 1 s.d.) of the 4 determinations is 0.63 ± 0.09 .