

Table 10. *Mass action ratios of the adenylate kinase reaction*
 Results are mean values from 3–7 experiments; \pm standard errors
 of the means

Expt	Conditions	<i>n</i>	$[ADP]^2/[ATP] \times [AMP]$	
			mito- chondria	cytosol
F	fed; –	7	14 \pm 2	0.78 \pm 0.31
F-S	fed; glucose etc.	6	13 \pm 3	0.72 \pm 0.31
F-E	fed; ethanol	3	8	0.83
H	starved; –	5	9 \pm 2	0.75 \pm 0.11
H-L	starved; lactate	4	9 \pm 2	0.77 \pm 0.11
H-D	starved; dihydroxyacetone	3	9	1.03
H-G	starved; glucose	3	9	0.60
F-Am	fed; amytal	4	9 \pm 5	0.53 \pm 0.11
F-Dnp	fed; dinitrophenol	4	4 \pm 2	0.85 \pm 0.35
F-Catr	fed carboxyatractyloside	4	1 \pm 1	0.41 \pm 0.22