Table 5. *Subcellular concentrations of adenine nucleotides in perfused livers from fed and starved rats*
Results are mean values from 3–7 experiments; ± standard errors of the means

Expt	Conditions	*n*	Mitochondria				Cytosol				Mitochondria / cytosol		
			ATP	ADP	AMP	ATP/ADP	ATP	ADP	AMP	ATP/ADP	ATP	ADP	AMP
			mM				mM						
F	fed; –	7	1.4 ± 0.3	7.8 ± 0.6	3.8 ± 0.3	0.18 ± 0.03	7.2 ± 0.5	0.7 ± 0.1	0.06 ± 0.01	10.3 ± 1.5	0.2	11	63
F-S	fed; glucose etc	6	1.9 ± 0.3	7.8 ± 0.5	3.1 ± 0.6	0.24 ± 0.05	5.8 ± 0.5	1.1 ± 0.1	0.4 ± 0.1	5.3 ± 0.8	0.3	7	8
H	starved; –	5	5.2 ± 0.6	7.8 ± 0.8	1.5 ± 0.2	0.67 ± 0.06	3.7 ± 0.2	1.4 ± 0.1	0.7 ± 0.1	2.6 ± 0.1	1.4	5	2
H-L	starved; lactate	4	4.8 ± 2.0	6.6 ± 1.0	1.4 ± 0.3	0.73 ± 0.14	3.8 ± 0.4	1.7 ± 0.2	1.2 ± 0.3	2.2 ± 0.1	1.3	4	1
H-D	starved; dihydroxyacetone	3	5.1	7.8	1.6	0.65	3.3	1.3	0.5	2.5	1.6	5	3
H-G	starved; glucose	3	4.9	7.8	1.6	0.63	4.5	0.9	0.35	5.0	1.1	9	5