

Table 2  
Mitochondrial activities of yeast cells throughout the culture period<sup>a</sup>

	Growth phase		
	Early exponential	Late exponential	Stationary
JO <sub>max</sub> (nat.O/min/mg dry wt)	612 ± 36	434 ± 39	225 ± 14
D,L-Lactate dehydrogenase activity (mU)	195 ± 16	130 ± 21	102 ± 10
Citrate synthase activity (mU)	318 ± 19	233 ± 45	121 ± 30

<sup>a</sup>The maximal respiratory capacity of cells (JO<sub>max</sub>) was measured in the growth medium supplemented with saturating amounts of respiratory substrates (lactate 0.2%, ethanol 1% and glucose 20 mM) after titration with the protonophoric uncoupler, CCCP. Values are means ± S.D. of five independent measurements. D,L-Lactate dehydrogenase and citrate synthase activities were measured as described in Section 2. Values are means ± S.D. of six independent measurements.