

	Oxaloacetate				Pyruvate			
	k_{cat} (sec ⁻¹)	K_M (μ M)	K_i (mM)	k_{cat}/K_M (sec ⁻¹ M ⁻¹)	k_{cat} (sec ⁻¹)	K_M (μ M)	K_i (mM)	k_{cat}/K_M (sec ⁻¹ M ⁻¹)
<i>Pf</i> MDH	64 ± 4	120 ± 30	14 ± 3.6	5.6 ± 1.2 ×10 ⁵	-	-	-	-
<i>Cp</i> MDH	570 ± 30	180 ± 20	6 ± 1.1	3.1 ± 0.2 ×10 ⁶	-	-	-	-
<i>Pf</i> MDH-R102K	0.45 ± 0.04	12000 ± 2000	-	3.7 ± 0.3 ×10 ¹	-	-	-	-
<i>Pf</i> MDH-INS	11 ± 1	3300 ± 1600	-	3.2 ± 1.2 ×10 ³	0.17 ± 0.023	48000 ± 11000	-	3.5 ± 0.4 ×10 ⁰
<i>Cp</i> MDH-INS	170 ± 10	12100 ± 1850	-	1.6 ± 0.2 ×10 ⁴	0.9 ± 0.2	212000 ± 47000	-	4.1 ± 0.2 ×10 ⁰
<i>Pf</i> MDH-R102K-INS	0.017 ± .001	200 ± 61	-	8.8 ± 2.8 ×10 ¹	0.15 ± 0.01	49000 ± 7400	-	3.1 ± 0.2 ×10 ⁰
<i>Pf</i> LDH-K102R-DEL	6.3 ± 0.2	2100 ± 250	-	3.1 ± 0.3 ×10 ³	0.02 ± 0.0007	3000 ± 280	-	6.8 ± 0.5 ×10 ⁰
<i>Pf</i> LDH-DEL	0.0064 ± 0.0002	2100 ± 310	-	3.1 ± 0.5 ×10 ⁰	0.021 ± 0.001	1300 ± 250	-	1.6 ± 0.3 ×10 ¹
<i>Tg</i> LDH2-DEL	5.4 ± 2.5	135000 ± 77000	-	5.5 ± 0.4 ×10 ¹	-	-	-	-
<i>Pf</i> LDH-K102R	0.7 ± 0.06	12900 ± 2100	-	5.3 ± 0.4 ×10 ¹	150 ± 3	210 ± 14	250 ± 96	7.1 ± 0.4 ×10 ⁵
<i>Pf</i> LDH	0.17 ± 0.08	139000 ± 93000	-	0.09 ± 0.08 ×10 ⁰	110 ± 2	67 ± 5	59 ± 12	1.6 ± 0.1 ×10 ⁶
<i>Tg</i> LDH2	0.4 ± 0.03	10700 ± 2600	-	4.2 ± 0.9 ×10 ¹	16 ± 0.4	260 ± 35	-	6.0 ± 0.7 ×10 ⁴