





















































Enzyme	Substrate	$k_1 \ (s^{-1} M^{-1})$	$k_{-1} \ (s^{-1})$
Protein-small			
ligands			
Lactate	NADH	5.5×10^{7}	39
dehydrogenase (pig heart)	Oxamate	8.1×10^{6}	17
Liver alcohol dehydrogenase	NADH	2.5×10^{7}	9
Lysozyme	(NAG) ₂	4×10^{7}	1×10^{5}
Malate dehydrogenase	NADH	5×10^{8}	50
Pyruvate carboxylase – Mn ²⁺	Pyruvate	4.5×10^{6}	2.1×10^{4}
Ribonuclease	Uridine 3'- phosphate	7.8×10^{7}	1.1×10^{4}
	Uridine 2', 3'- cyclic phosphate	1×10^{7}	2×10^{4}
Tyrosyl-tRNA	Tyrosine	2.4×10^{6}	24