

	K_m (mM)	k_{cat} (1/s)	k_{cat}/K_m (1/(mM•s)) • 10^3	Enzyme concentration (mg/l) for $\Delta A/\text{min}=0.05$ at $[S]=2\cdot K_m$
Thrombin, human Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl				
S-2238	0.0070	180	26	0.03
S-2366	0.15	330	2.2	0.02
S-2846	0.043	190	4.4	0.03
Thrombin, bovine Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl				
S-2238	0.010	200	20	0.02
S-2366	0.15	295	2.0	0.02
S-2846	0.045	200	4.4	0.03
FXa, human Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl, 0.5% BSA				
S-2222	1.1	100	0.090	0.06
S-2337	0.67	110	0.16	0.05
S-2732	1.5	230	0.15	0.03
S-2765	0.26	240	0.92	0.02
S-2767	0.60	210	0.35	0.03
S-2772	1.5	120	0.080	0.05
S-2782	0.29	210	0.72	0.03
S-2787	0.38	170	0.45	0.03
FXa, bovine Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl				
S-2222	0.40	100	0.25	0.06
S-2337	0.30	110	0.37	0.05
S-2732	0.35	130	0.37	0.05
S-2765	0.11	195	1.8	0.03
S-2767	0.22	160	0.73	0.04
S-2772	0.70	100	0.14	0.06
S-2782	0.15	190	1.3	0.03
S-2787	0.14	120	0.86	0.05

	K_m (mM)	k_{cat} (1/s)	k_{cat}/K_m (1/(mM·s)) •10 ⁻³	Enzyme concentration (mg/l) for $\Delta A/\text{min}=0.05$ at $[S]=2 \cdot K_m$
FXIa, human Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl and 0.5% BSA S-2288 S-2366	0.90 1.2	190 340	0.21 0.28	0.06 0.03
FXIa, bovine Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl and 0.5% BSA S-2266 S-2288 S-2302 S-2366	0.63 0.70 0.17 0.73	12 21 17 16	0.019 0.030 0.10 0.022	0.9 0.5 0.6 0.7
APC, human Buffer: 100 mM Tris HCl, pH 8.3, 260 mM CsCl, 4 mM CaCl ₂ and 0.2 % BSA S-2288 S-2366 S-2846	0.16 0.20 0.35	110 190 130	0.69 0.95 0.37	0.07 0.04 0.06
Plasmin, human Buffer: 50 mM Tris HCl, pH 7.4, 110 mM NaCl S-2251 S-2302 S-2366 S-2390 S-2403 S-2406 S-2468	0.40 0.50 0.40 0.075 0.35 0.85 0.080	20 26 60 15 60 70 7.4	0.050 0.052 0.15 0.20 0.17 0.082 0.092	0.4 0.3 0.1 0.5 0.1 0.1 1
One-chain t-PA, human Buffer: 50 mM Tris HCl, pH 8.3, 130 mM NaCl and 0.01% Tween 80 S-2288 S-2765 S-2782	1.0 0.9 1.2	10 25 30	0.010 0.028 0.025	0.8 0.3 0.3
Plasma Kallikrein, human Buffer: 50 mM Tris HCl, pH 7.8, 16mM NaCl (I = 0.05) S-2266 S-2288 S-2302 S-2366	0.50 0.60 0.22 0.60	85 130 150 80	0.17 0.22 0.68 0.13	0.2 0.1 0.08 0.2

	K_m (mM)	k_{cat} (1/s)	k_{cat}/K_m (1/(mM·s)) • 10^3	Enzyme concentration (mg/l) for $\Delta A/\min=0.05$ at $[S]=2 \cdot K_m$
C1s, human Buffer: 50 mM Tris HCl, pH 8.0, - S-2314 S-2765	0.70 0.50	10 3	0.014 0.006	1 4
Urine Kallikrein, human Buffer: 50 mM Tris HCl, pH 9.0, 16 mM NaCl (I = 0.05) S-2266	0.030	1	0.033	6
Glandular Kallikrein, bovine Buffer: 50 mM Tris HCl, pH 9.0, 16 mM NaCl (I = 0.05) S-2266	0.050	8	0.16	0.4
Granulocyte elastase, human Buffer: 50 mM Tris HCl, pH 8.3, 280 mM NaCl, 8% DMSO S-2484	0.50	15	0.030	0.3
u-PA, human Buffer: 50 mM Tris HCl, pH 8.8, 43 mM NaCl, 0.5% BSA S-2444	0.080	11	0.14	0.6
Trypsin, bovine Buffer: 50 mM Tris HCl, pH 9.0, 245 mM NaCl S-2222 S-2765	0.020 0.010	240 170	12 17	0.01 0.02
Chymotrypsin, bovine Buffer: 50 mM Tris HCl, pH 8.3, 380 mM NaCl, 3 mM $CaCl_2$ S-2586	0.080	120	1.5	0.03