

# Protein Concentrations in Plasma

Component	Molecular Weight kDa	Plasma Concentration mg/l	Plasma Concentration $\mu\text{mol/l}$
Fibrinogen	330	3000	9
Prothrombin	72	150	2
Factor V	330	20	0.05
Factor VII	50	0.5	0.01
Factor VIII	330	0.1	0.0003
Factor IX	56	5	0.09
Factor X	59	8	0.13
Factor XI	160	5	0.03
Factor XII	80	30	0.4
Factor XIII	320	10	0.03
Protein C	62	4	0.06
Protein S	70	10 (free)	0.14
Protein Z	62	2	0.03
Prekallikrein	86	50	0.6
HMW kininogen	120	70	0.6
Fibronectin	450	300	0.7
Plasminogen	92	200	2
t-PA	60	0.005	0.0001
Urokinase	53	0.004	0.0001
Antithrombin	58	145	2.5
Heparin Cofactor II	66	80	1.2
Plasmin Inhibitor	63	60	1
Protein C Inhibitor	57	4	0.07
$\alpha$ 2-Macroglobulin	725	2000	3

Table 4. Source-Review of current literature.