



>>Entry Name: Fibrinogen

Synonym(s): Blood-coagulation factor I. Parenogen. Ibrin. Sensor

CAS Registry Number: 9001-32-5

Biological Source: Plasma glycoprotein synth. and secreted by hepatic parenchymal cells

Use/Importance: Used to control bleeding. Coagulant. Atherosclerotic props.

Other Data: Fibrinogen labelled with ^{125}I (Fibrinogen I 125, USAN) is used as a radioactive agent

Fluka: 46314

Sigma: F1378

References:

Regoeczi, E., *Struct. Funct. Plasma Proteins*, 1974, **1**, 133, (rev)

Blombäck, B., *Handb. Exp. Pharmacol.*, 1978, **46**, 49, (rev)

Mosesson, M.W. *et al.*, *J. Mol. Biol.*, 1981, **153**, 695, (conformn)

Lorand, L., *Ann. N.Y. Acad. Sci.*, 1983, **408**, 226, (rev, activity)

Doolittle, R.F., *Annu. Rev. Biochem.*, 1984, **53**, 195, (rev)

Henschen, A. *et al.*, *New Compr. Biochem.*, 1986, **13**, 171, (struct, function, props, detn)

Fibrinogen, Fibrin Stabilisation, and Fibrinolysis, (Ed. Francis, J.L.), VCH/Ellis Horwood, 1988, (book)

Fibrinogen: A "New" Cardiovascular Risk Factor, (Ed. Ernst, E. *et al.*), Blackwell-MZV, 1992, (book)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 648

Thromb. Res., (Ed. Blombäck, B), 1994, **75**, 327, (rev)