

FGA, FGB, FGG

Native Human Fibrinogen, FITC Labeled

Catalog No.	CSI20168A CSI20168B	Quantity:	10 mg 50 mg
Description:	Fibrinogen alpha, beta and gamma monomers polymerize to form the insoluble fibrin matrix which has a major function in hemostasis as a primary component of blood clots. Human fibrinogen is amino terminal labeled with fluorescein isothiocyanate (FITC). Prepared from fresh human plasma using several chromatographic steps.		
UniProt ID:	P02671, P02675, P02679		
Gene ID:	2243, 2244, 2266		
Source:	Human plasma		
Molecular Weight:	330 kDa		
Formulation:	Frozen liquid buffered in 20 mM Sodium Citrate-HCl, pH 7.4.		
Purity:	>95% by SDS-PAGE analysis. Plasminogen depleted by lysine affinity chromatography.		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 1.51$		
Handling:	Protect from light. Thaw at 37°C without agitation until completely liquid, then gently mix before use. Keep fibrinogen at 25-37°C, aliquot and flash freeze unused portion.		
Storage & Stability:	Protect from light. Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
Certification:	Non-Infectious Disease Certification: Non-reactive for HIV and HCV by FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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