

## FGA, FGB, FGG Native Dog Fibrinogen

<b>Catalog No.</b>	CSI19766A	<b>Quantity:</b>	1.0 mg
	CSI19766B		10 mg

**Description:** Fibrinogen (also called Factor I) is a glycoprotein synthesised in the liver by hepatocytes and megakaryocytes. Fibrinogen, the principal protein of vertebrate blood clotting is a hexamer containing two sets of three different chains (alpha-, beta-, and gamma-), linked to each other by disulfide bonds. The N-terminal sections of these three chains contain the cysteines that participate in the cross-linking of the chains. Prepared from fresh Dog Plasma using several chromatographic steps. Plasminogen depleted by Lysine Affinity Chromatography.

**UniProt ID:** P68213, P02677, P12800

**Gene ID:** 475473, 475472, 475474

**Molecular Weight:** 330 kDa

**Concentration:** > 10 mg/ml

**Source:** Dog Plasma

**Purity:** >95% by SDS-PAGE analysis

**Extinction Coefficient:**  $E^{0.1\%}_{280\text{nm}} = 1.51$

**Formulation:** Liquid in 0.02 M Sodium Citrate-HCl pH 7.4

**Application Notes:** Thaw at 37°C without agitation until completely liquid, then gently mix before use.

**Storage & Stability:** 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.**

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