

## Native Canine Fibrinogen

**Cat. No.** FGA-34D    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Prepared from fresh US origin dog (canine) plasma using several chromatographic steps. Plasminogen depleted by lysine affinity chromatography.                                                                                                                                              |
| <b>Species</b>          | Dog                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Dog Plasma                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Frozen liquid                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 330,000                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | >95% by SDS-PAGE analysis                                                                                                                                                                                                                                                                   |
| <b>Characteristic</b>   | >90% Clottable                                                                                                                                                                                                                                                                              |
| <b>Usage</b>            | For in vitro laboratory use only. Thaw at 37°C without agitation until completely liquid, then gently mix before use.                                                                                                                                                                       |
| <b>Notes</b>            | Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet. |
| <b>Stability</b>        | Keep fibrinogen at 25-37°C, aliquot and flash freeze unused portion.                                                                                                                                                                                                                        |

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|                       |                                  |
|-----------------------|----------------------------------|
| <b>Storage</b>        | -70°C                            |
| <b>Concentration</b>  | 10.0 mg/ml                       |
| <b>Storage Buffer</b> | 0.02M Sodium Citrate-HCl; pH 7.4 |
| <b>Shipping</b>       | Dry ice                          |

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | FGA fibrinogen alpha chain [ <i>Canis lupus familiaris</i> ]                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>     | FGA                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>            | FGA; fibrinogen alpha chain; carboxy-terminal region; fibrinogen A-alpha-chain;                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>             | 475473                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | chromosome: 15                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Blood Clotting Cascade, organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; GRB2:SOS provides linkage to MAPK signaling for Intergrins, organism-specific biosystem; Hemostasis, organism-specific biosystem; |

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