

## Datasheet: 4440-8604

<b>Description:</b>	NATIVE HUMAN FIBRINOGEN
<b>Name:</b>	FIBRINOGEN
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	25 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Functional Assays	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified protein from human plasma - liquid
<b>Preparation</b>	Protein purified by precipitation
<b>Buffer Solution</b>	Citrate buffered saline
<b>Preservative Stabilisers</b>	None
<b>Approx. Protein Concentrations</b>	1.25 mg/ml fibrinogen

### External Database Links

#### UniProt:

<a href="#">P02671</a>	<a href="#">Related reagents</a>
<a href="#">P02675</a>	<a href="#">Related reagents</a>
<a href="#">P02679</a>	<a href="#">Related reagents</a>

#### Entrez Gene:

<a href="#">2243</a>	FGA	<a href="#">Related reagents</a>
<a href="#">2244</a>	FGB	<a href="#">Related reagents</a>
<a href="#">2266</a>	FGG	<a href="#">Related reagents</a>

**Product Information** **Native Human fibrinogen** is a 340kDa glycoprotein involved in cell adhesion and migration

processes including embryogenesis, metastasis, wound healing, blood coagulation and host immunity. It consists of a dimer, each part made up of three disulphide linked polypeptides known as the alpha, beta and gamma chains.

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**Molecular Weight** 340 kD

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**Purity** 35-65% protein, of which  $\geq 90\%$  clottable protein.  
Virtually free from plasminogen and plasmin.

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**Storage** Store at  $-20^{\circ}\text{C}$  only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** 12 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation available at:  
Material Safety Datasheet documentation #10175 available at  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10175.pdf>

Donor material tested and found negative for HIV1, HIV2, HCV, ALT, Syphilis, HBsAg and antibodies to HCV.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

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**Regulatory** For research purposes only

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