

Datasheet: 4440-0256

BATCH NUMBER 173508

Description:	NATIVE HUMAN D-DIMER
Name:	D-DIMER
Format:	Purified
Product Type:	Purified Protein
Quantity:	0.2 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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting			▪	

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.

Target Species	Human
Product Form	Purified protein from human plasma - liquid
Preparation	Streptokinase lysis of coagulated fibrinogen followed by gel filtration.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Total protein concentration 1.0mg/ml

External Database Links

UniProt:

P02671	Related reagents
P02675	Related reagents
P02679	Related reagents

Entrez Gene:[2243](#) FGA [Related reagents](#)[2244](#) FGB [Related reagents](#)[2266](#) FGG [Related reagents](#)

Product Information **Human D-dimer (DD)** is a specific degradation product of cross-linked fibrin. It can be used as a marker of venous thromboembolism for the diagnosis of deep venous thrombosis of the lower limbs and pulmonary embolism.

Purity SDS PAGE: >90%

References

1. Ibutoto, Z.H. *et al.* (2014) The Development of Highly Sensitive and Selective Immunosensor Based on Antibody Immobilized ZnO Nanorods for the Detection of D-Dimer [Electroanalysis. 26 \(2\): 292-8.](#)
2. Georgia-Paraskevi, N. *et al.* (2014) A Selective Immunosensor for D-dimer Based on Antibody Immobilized on a Graphene Electrode with Incorporated Lipid Films [Electroanalysis. 26 \(7\): 1522-7.](#)

Storage Store at -20°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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10169 available at: <https://www.bio-rad-antibodies.com/SDS/4440-0256>

Donor material tested and found negative for HIV1 and 2 antibodies, HBsAg, HCV and syphilis.

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

Regulatory For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M450620:260408'

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