Datasheet: 4440-0256

BATCH NUMBER 170337

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, gel filtered on Sephadex G-150.

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. Ibupoto, 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^{o}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

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