

Datasheet: 4440-0256

BATCH NUMBER 157495

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	<ol style="list-style-type: none">1. Ibupoto, Z.H. <i>et al.</i> (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. <i>et al.</i> (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 10169 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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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