

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

1. Ibpoto, 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>
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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