

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: N01265M **Lot #:** 1B03412

Description: MAb to Human D-Dimer
Monoclonal Antibody to Human D-Dimer (Fibrin Degradation Product)

Specificity: Recognizes Human fragment D-dimer of cross-linked fibrin. Reacts equally well with fragment D of non-cross-linked fibrin. Minor reactivity with fragment D of fibrinogen or with fibrinogen has been observed. Does not cross-react with rabbit fibrin or its degradation products.

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Cell Culture

Immunogen: Purified fragment D-dimer from human cross-linked fibrin.

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). ProSepA Chromatography
Product is sterile filtered.

Concentration: 2.35 mg/mL (OD280nm, E^{0.1%}=1.4)

Buffer: Phosphate Buffered Saline

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2–8°C. **DO NOT FREEZE!**

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The references listed below are for research purposes only:

1. Declerck, P.J. et al., (1987), "Fibrinolytic response and fibrin fragment D-dimer levels in patients with deep vein thrombosis", Thromb. Haemostas., **58**: 1024–1029.
2. Holvoet, P. et al., (1989), "Binding properties of monoclonal antibodies against human fragment D-dimer of cross-linked fibrin to human plasma clots in an in vivo model in rabbits", Thromb. Haemostas., **61**: 307–313.

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY