

CERTIFICATE OF ANALYSIS

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

Catalog #: N01273M **Lot #:** 9K31522

Description: MAb to D-Dimer
Monoclonal Antibody to D-Dimer

Specificity: This antibody is highly specific for D-dimer and recognizes high molecular weight fibrin degradation products. It does not cross-react with fibrinogen.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Homogenized fibrin clot, D-dimer or high molecular weight fibrin degradation products.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 5.9 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA and Western Blot under non-reducing conditions. However, this antibody will react with the beta-chain of D-dimer in Western Blot under reducing conditions. 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.
Recommended antibody pairs for sandwich immunoassay recognizing D-dimer and high molecular weight degradation products with equal specificity:

<u>Capture</u>	<u>Detection</u>
N01273M	N01274M

Storage: Store at 2-8°C.

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

Quality Signature: 

11 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY