

CERTIFICATE OF ANALYSIS

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

Catalog #: N86304M **Lot #:** 1C09022

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

Specificity: Recognizes high molecular weight fibrin degradation products. Also recognizes Human D-dimer, a specific degradation product of cross-linked fibrin. No cross-reaction with D-monomer and fibrinogen.

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG_{2b}

Immunogen: Homogenized Fibrin Clot

Format: Purified, Liquid

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

Concentration: 5.7 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 (non-reducing). 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.

For sandwich Immunoassay, plasma samples should be diluted with 10 mM Tris/HCl Buffer, pH 7.5 containing 1 M Sodium Chloride and 0.1% Tween 20. To avoid non-specific binding, the final Sodium Chloride concentration in plasma samples should be 0.5 M or more.

Recommended pairs for sandwich ELISA:

<u>Capture</u>	<u>Detection</u>
N86304M	N86925M
N86304M	N86043M

Storage: Store at 2–8°C.

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

Quality Signature:



05 APR 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY