

D-DIMER

Specificity	Human D-Dimer
Host Species	Mouse

RECOMMENDED PAIRS

MAB285P capture with
MAB284P detector

Application	Sandwich ELISA
Target Marker	D-Dimer consists of two cross-linked D fragments formed by the plasmin-mediated degradation of fibrinogen. ¹ The measurement of D-Dimer has broad diagnostic utility in a number of areas including acute myocardial infarction, pulmonary embolism, sepsis, disseminated intravascular coagulation. ²
References	<p>¹ Giannitsis E., Mair J., et al (2015) "Editor's Choice – How to use D-dimer in acute cardiovascular care" (European Heart Journal: Acute Cardiovascular Care. Vol. 6 (I): 69-70.</p> <p>² Itagaki R., Kimura N., Mieno, M., et al (2018) "Characteristics and Treatment Outcomes of Acute Type A Aortic Dissection With Elevated D-Dimer Concentration" (J Am Heart Assoc. 2018;7:e009144. DOI: 10.1161/ JAHA.118.009144).</p>

WHY CHOOSE BBI'S ANTIBODIES?

Maximise your chances of developing a successful D-Dimer assay:

- + Antibody clones used as a matched pair in commercialised bioMérieux assays – proven performance
- + Manufactured in-house at BBI for security of supply
- + cGMP production and quality management for increased batch-to-batch consistency

Order your evaluation sample today www.bbisolutions.com

Characterisation

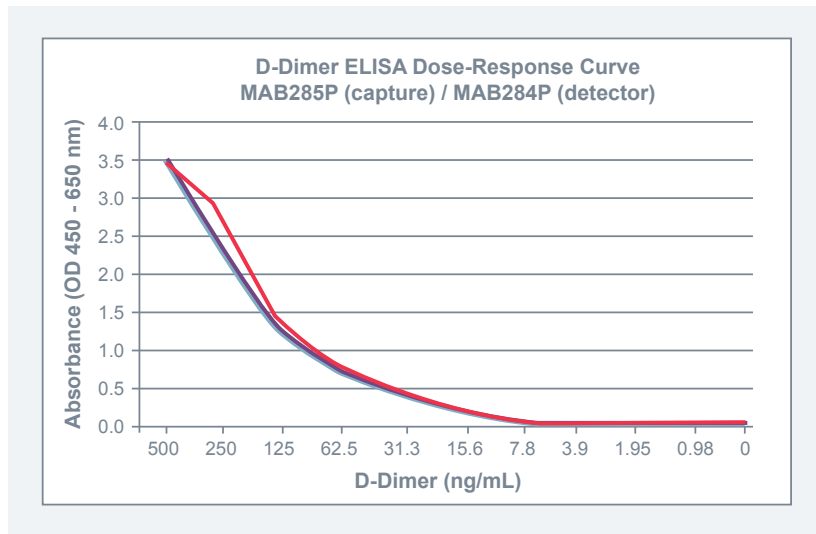
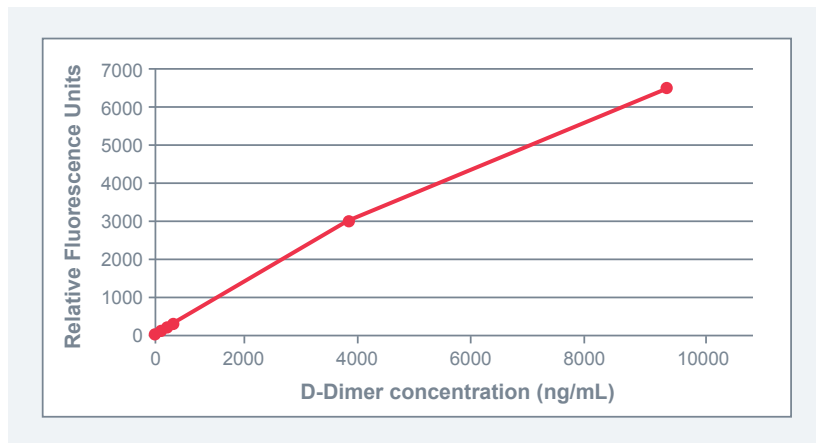


Figure 1: A colorimetric sandwich ELISA demonstrating sensitive detection of human D-Dimer (P202-3). Data generated using three lots of each antibody demonstrating assay robustness and lot-to-lot reproducibility of the antibody productions.

MAB285P = Clone P10B5E12C9
MAB284P = Clone P2C5A10

Lot 1 — Lot 2 — Lot 3 —

Use in assays



Clones P2C5A10 and P10B5E12C9 have been successfully used in commercialised bioMérieux immunoassay products*, in which P2C5A10 was the detector antibody and clone P10B5E12C9 was the capture antibody. * VIDAS and/or VIKIA and/or BIONEXIA

Figure 2: A fluorescence immunoassay standard curve prepared using P2C5A10 as the detector antibody and P10B5E12C9 as the capture antibody in an optimised assay format showing quantitative detection of D-Dimer.

Pack sizes

1mg, bulk amounts available on request.

ORDERING DETAILS - USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description
D-Dimer Monoclonal Antibody	MAB284P	Use as detector with MAB285P as capture in sandwich ELISA.
D-Dimer Monoclonal Antibody	MAB285P	Use as capture with MAB284P as detector in sandwich ELISA.
D-Dimer Monoclonal Antibody	BM243-1D2	Use as a capture or detector together with BM243-3B6 in sandwich ELISA or lateral flow. Also suitable for western blotting.
D-Dimer Monoclonal Antibody	BM243-3B6	Use as a capture or detector together with BM243-1D2 in sandwich ELISA or lateral flow. Also suitable for latex agglutination and western blotting.

Related products

D-Dimer Antigen	P202-4	Standard grade antigen (> 1% pure).
D-Dimer Antigen	P202-3	Pure grade antigen (> 90% pure).

Order a sample today sales@bbisolutions.com
Int: +44 (0) 1495 363000 USA: 1-207-797-5454 China: +860 216 1042216