

Product datasheet for **BM417**

Fibrinogen Degradation Product D (D-Dimer) Mouse Monoclonal Antibody [Clone ID: DD-5]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | DD-5 |
| Applications: | ELISA |
| Recommended Dilution: | ELISA. Western Blot: This antibody recognizes Human D-dimer under non-reducing conditions. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Homogenised Fibrin clot. |
| Specificity: | This Monoclonal antibody recognizes Human D-dimer and shows low cross-reactivity with Fibrinogen (D-monomer). |
| Formulation: | PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |



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Background:

D-dimers are the principle degradation products of cross-linked fibrin, released into the bloodstream following the digestion of fibrin clots (thrombus) by the enzyme plasmin, and thus measurement of the level of D-dimer in plasma, can be used as an indication of thrombotic disorders. Conditions in which levels of D-dimer are elevated include deep vein thrombosis (DVT), venous thromboembolism (VTE), cardiovascular disease and disseminated intravascular coagulation (DIC), a possible acute condition arising from surgical operations, septic shock and liver disease.