

Product datasheet for **AM31708PU-N**

D-Dimer Mouse Monoclonal Antibody [Clone ID: DD1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DD1
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Homogenised fibrin clot. Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.
Specificity:	This antibody is specific for Human D-dimer and high molecular weight Fibrin Degradation Products, but does not cross-react with Fibrinogen (D-monomer). By Western Blot (non-reducing conditions) this antibody detect the 180 kD D-dimer.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
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.
Synonyms:	Fibrin breakdown product, Fibrinogen Degradation Product D