

Native Antigens

D-Dimer

Product Code : 00-AGN-CM-DMR-001



D-dimer is formed by enzymatic degradation of cross-linked fibrin by plasmin and, therefore, serves as a direct marker of ongoing coagulation with fibrinolysis. The plasma level of D-dimer is used for the evaluation of the patient's fibrinolytic status. D-dimer concentrations are a beneficial cardiac marker in the diagnosis of deep vein thrombosis and pulmonary embolism and are utilised as control and calibrator in various in vitro diagnostic testing kits. It can also be used as a coating antigen for ELISA or agglutination assays.

Specifications:

PARAMETERS

ACCEPTANCE CRITERIA

Physical Appearance	Clear Colourless Solution
Protein Concentration (OD at 280nm)	≥ 1.0 mg/ml
Purity by SDS PAGE	$\geq 90\%$ (Band corresponding to Mol. Wt. of 190 kDa)
Storage buffer	Defibrinated CRP deficient plasma with Tris, Saline containing 15mM NaN_3 , pH 8.0 ± 0.2
Form	Tris Saline with 0.09% NaN_3 , pH 7.4 ± 0.2
Storage temperature	-20°C
Shelf Life	1 year
Anti HIV-1&2 (ELISA)	Negative
Anti HCV (ELISA)	Negative
HBsAg Antigen (ELISA)	Negative
Source of the product	Normal human plasma

For research use or further manufacturing purposes only

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