



Magic™ Anti-D-dimer monoclonal antibody, clone N29723EE (DCABY-4394)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	D-dimer antibody was raised in mouse using homogenized fibrin clot, D-dimer or high molecular weight fibrin degradation products as the immunogen.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	N29723EE
Purification	D-dimer antibody was purified by Protein A chromatography.
Conjugate	Unconjugated
Applications	Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4395 - DCABY-4394
Format	Liquid
Size	1 mg
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCL
Preservative	0.095 % Sodium Azide
Storage	Store at 4 °C

BACKGROUND

Introduction D-dimer is a fibrin degradation product, a small protein fragment present in the blood after a

blood clot is degraded by fibrinolysis. It is so named because it contains two crosslinked D fragments of the fibrinogen protein. D-dimer concentration may be determined by a blood test to help diagnose thrombosis. Since its introduction in the 1990s, it has become an important test performed in patients suspected of thrombotic disorders. While a negative result practically rules out thrombosis, a positive result can indicate thrombosis but does not rule out other potential causes. Its main use, therefore, is to exclude thromboembolic disease where the probability is low. In addition, it is used in the diagnosis of the blood disorder disseminated intravascular coagulation.

Keywords

D-dimer;
