

Native Human D-Dimer

Catalog No.	CRD111A	Quantity:	100 µg
	CRD111B		1.0 mg

Alternate Names: Fragment D-dimer, Fibrin degradation fragment

Description: Native human D-dimer. Human D-Dimer protein is a blood test performed in the medical laboratory to diagnose thrombosis. Since human D-Dimer(s) introduction, human D-Dimer protein has become an important test performed in patients suspected of thrombotic disorders. While a negative human D-Dimer result practically rules out thrombosis, a positive human D-Dimer result can indicate thrombosis but also has other potential causes. Human D-Dimer(s) main use is to exclude thromboembolic disease where the probability is low. Human D-dimer testing is of clinical use when there is a suspicion of deep venous thrombosis (DVT) or pulmonary embolism (PE). In patients suspected of disseminated intravascular coagulation (DIC), Human D-dimer(s) protein may aid in the diagnosis. Human D-dimer(s) protein are unique in that they are the breakdown products of a fibrin mesh that has been stabilized by Factor XIII. This factor crosslinks the E-element to two D-elements. This is the final step in the generation of a thrombus.

Concentration: Typically > 0.5 mg/ml

Source: Human plasma

Molecular Weight: ~ 200 kDa

Formulation: Liquid in sodium chloride buffer, pH 7.5

Purity: > 90%

Storage & Stability: Stable for 2 years in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

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