



# DataSheet

**CATALOGUE #:** 8D70

**PRODUCT NAME:** D-dimer

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**Source:** Human plasma. Plasma from the donors was tested and found negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis.

**Applications:** Immunological D-dimer standard, biochemical and immunochemical studies.  
Human D-dimer is a specific degradation product of cross-linked fibrin, and can be used as a marker of hypercoagulation state that causes cardio-vascular diseases such as venous thrombosis, pulmonary embolism, disseminated intravascular coagulation.

**Analysis:** Purity > 90 % (SDS-PAGE and gel-scanning).  
Concentration has been determined by Lowry method using Sigma protein assay kit.  
Immunological activity has been tested with monoclonal antibodies specific to D-dimer.

**Presentation:** Lyophilized from solution in 10 mM Tris-HCl buffer containing 0.15 M NaCl.  
Product is recommended to reconstitute with distilled water.

**Storage:** Before and after reconstitution at -20 °C (-15 ... -30 °C allowed)

**Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

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