



**Thrombin  
53 nkat**

Item No. DPGBT-1: 1 x 53 nkat  
Item No. DPGBT-10: 10 x 53 nkat

***In vitro research use only***

**Properties**

Thrombin is purified from bovine prothrombin activated by thromboplastin.

**Composition**

Each vial contains:

Thrombin	53 ± 5 nkats-2238
Bovine Albumin	2.4 mg
Tris (hydroxymethyl)	9.7 mg
aminomethane	
Tris (hydroxymethyl)	25.2 mg
aminomethane HCL	
Mannitol	20 mg

53 nkat thrombin correspond to approximately 25 IU and 21 NIH-U

**Reconstitution**

Reconstitute with 1.5 ml purified water to obtain an activity of about 35 nkat/ml, or reconstitute with purified water to obtain desired concentration.

**Storage & Stability**

The lyophilized powder is stable at 2 – 8°C until the expiry date printed on the label. The reconstituted Thrombin is stable for 1 week at 2 – 8°C.

**Application**

For the determination of Antithrombin and Heparin, as well as other studies where a highly purified Thrombin is needed.

**Enzyme Activity Determination**

The activity of Thrombin can be measured using chromogenic substrate S-2238 (item number S820324)

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