



Thrombin 53 nkat

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

Properties

Thrombin is purified from bovine prothrombin activated by thromboplastin.

Composition

Each vial contains:

Thrombin	53 ± 5 nkat _{S-2238}
Bovine Albumin	2.4 mg
Tris (hydroxymethyl) aminomethane	9.7 mg
Tris (hydroxymethyl) aminomethane HCL	25.2 mg
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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