

# Phospholipid-TGT

## For Laboratory Use Only

Available as 0.5 mM in vials of 3 mL.

Package unit: 10 x 3 mL

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### Composition

Phospholipid emulsion containing a mixture of highly purified phosphatidyl choline, phosphatidyl serine and sphingomyelin.

Medium: 0.05 mol/L Tris-HCl, pH 7.6.

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### Properties

A stabilized phospholipid emulsion with high procoagulant activity.  
Swirl gently before use.

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### Stability

A sealed vial is stable at 2-8°C until the expiry date printed on the label. An opened vial is stable for two weeks at 2-8°C.

Do not freeze.

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### Application

This phospholipid emulsion is suitable for use in hemostasis research related to procoagulant and anticoagulant pathways such as in thrombin generation (TGT).

The 0.5 mM emulsion is specially suitable for use in TGT assays in the presence of activated Protein C (APC).

# Phospholipid 0.25 mM

## For Laboratory Use Only

Package unit: 10 x 3 mL

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### Composition

Phospholipid emulsion containing a mixture of highly purified phosphatidyl choline, phosphatidyl serine and sphingomyelin.

Medium: 0.05 mol/L Tris-HCl, pH 7.6.

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### Properties

A stabilized phospholipid emulsion with high procoagulant activity.  
Swirl gently before use.

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### Stability

A sealed vial is stable at 2-8°C until the expiry date printed on the label. An opened vial is stable for one month at 2-8°C.

Do not freeze.

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### Application

This phospholipid emulsion is suitable for use in hemostasis research related to procoagulant and anticoagulant pathways.

## Publications on the use of Phospholipid-TGT

A.W.J.H DIEELIS, E. CASTOLDI, H.M.H. SPRONK, R. VAN OERLE, K. HAMULYÁK, H. TEN CATE, J. ROSING

Coagulation factors and the protein C system as determinants of thrombin generation in a normal population.

*Journal of Thrombosis and Haemostasis* 6 (1), 125-131 (2008)

S.N TCHAIKOVSKI, B.J.M VAN VLJIMEN, J. ROSING, G. TANS

Development of a calibrated automated thrombography based thrombin generation test in mouse plasma

*Journal of Thrombosis and Haemostasis* 5 (10), 2079-2086 (2007)

N. LI, S. HE, M. BLOMBÄCK, P. HJEMDAHL

Platelet activity, coagulation and fibrinolysis during exercise in healthy males. Effects of thrombin inhibition by argatroban and enoxaparin.

*Arteriosclerosis, Thrombosis, and Vascular Biology*. 27, 407 (2007)

C. GARDINER, S.J. MACHIN, I.K. MACKIE

Measuring thrombin generation based sensitivity to activated protein C using an automated coagulometer (ACL 9000)

*International Journal of Laboratory Hematology (OnlineEarly Articles)*

TD CHRISTENSEN, C JENSEN, TB LARSEN, K CHRISTIANSEN, B SÖRENSEN

Thrombin generation and coagulation factor activities: evaluation and comparison with the international normalized ratio.

*Blood Coagulation & Fibrinolysis* 20 (5), 358-365 (2009)

A BARKLIN, E TÖNNESEN, J INGERSLEV, B SÖRENSEN, C FENGER-ERICSEN

Coagulopathy during induced severe intracranial hypertension in a porcine donor model.

*Anesthesiology* 110 (6), 1287-1292 (2009)

MM FIORE, IJ MACKIE

Dual effect of platelet factor 4 on the activities of factor Xa.

*Biochemical and Biophysical Research Communications* 370 (4), 1072-1075 (2009)