

Phospholipids 0.25 mM



Informations

Phospholipids constitute a catalytic surface for the enzymatic activation of coagulation factors.

Lupus circulating anticoagulants are heterogeneous autoantibodies of the IgG and IgM type directly directed against a variety of anionic phospholipids such as cardiolipin, phosphatidylserine or phosphatidylinositol or against proteins having the capacity to bind to phospholipids such as β 2-glycoprotein I (β 2-GPI).

The contribution of phospholipids (PL) does not modify the levels of factors VIII, IX, XI, XII on normal plasmas without deficit nor LA.

The contribution of PL does not modify the levels of factors VIII, IX, XI, XII on the known deficient plasmas with and without LA (isolated constitutional or acquired deficiency)

The supply of PL leads to an increase in factors VIII, IX, XI, XII in plasmas with LA.

Reference	Presentation	Format	Number of tests
5-PL052	Vial	1 x 3.0 mL	30

Mixture of highly purified phospholipids in emulsion.

This mixture of highly purified phospholipids contains synthetic phosphatidyl choline (PC), synthetic phosphatidyl serine (PS) and highly purified sphingomyelin (SM) in Tris-HCl 0.05 mol/L buffer, pH 7.6 at 20°C.

This solution has a long term stabilized phospholipid emulsion with high procoagulant activity.

Application : hemostasis research : procoagulant and anticoagulant pathways.
NAPTT method

Components

- 1 glass bottle x 3 mL

Method / Application

For use in all hemostasis tests and neutralization of circulating lupus coagulants. Solution specially designed for the global NAPTT method. A coagulation time of approximately 250s is obtained with the phospholipid solution, depending on the instrument used.

For the determination of pro and anticoagulant proteins, this solution is useful for all methods integrating phospholipids such as FII, FVIII, FIX, FX, Proteins C and S.

Characteristics

This solution can be used in hemostasis tests and for the neutralization of circulating lupus anticoagulants.

Molar concentration :
Phosphatidyl choline: 42% (synthetic)
Phosphatidyl serine : 28% (synthetic)
Sphingomyelin : 30% (egg yolk)

Expiration date of 30 months from the date of manufacture with storage at 2 °C / 8 °C.

