



Product Datasheet

Product Name	Prothrombin Complex
Cata No	CB5001059
Source	<i>Escherichia Coli.</i>
Synonyms	PCC, Prothrombin Complex.

Description

Prothrombin Complex Concentrate (PCC) is a combination of several blood clotting factors II, VII, IX and X. PCC is used in the treatment of the congenital bleeding disorders associated with Factors II, VII, IX, and X deficiencies. PCC reverses the effect of warfarin (a coumarin anti-coagulant) and is used in cases of significant bleeding in patients with a coagulopathy, for example, gastrointestinal haemorrhage or intracranial haemorrhage. The PCC is also extensively used in treating acquired coagulation abnormalities secondary to vitamin K deficiency, warfarin ingestion, and various types of liver disease. Hepatitis, anaphylaxis and thrombosis have been reported as complications of prothrombin complex concentrates administration. Prothrombin complex is a double virus-inactivated concentrate, containing equal concentrations of Factors II, VIII, IX, X and Heparin.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized Powder from 0.1M sodium chloride and 10mM sodium citrate buffer.

Reconstitution

It is recommended to reconstitute the lyophilized Prothrombin Complex in sterile 18MΩ-cm H₂O.

Stability

Lyophilized Prothrombin-Complex although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Prothrombin-Complex should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles