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32-4521: Human Prothrombin Complex

Alternative Name : PCC,Prothrombin Complex.

Description

Source : Escherichia Coli. Prothrombin complex is a double virus-inactivated concentrate, containing equal concentrations of Factors II, VIII, IX, X and Heparin. 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.

Product Info

Amount :	50 IU
Content :	Lyophilized Powder from 0.1M sodium chloride and 10mM sodium citrate buffer.
Storage condition :	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.

Application Note

It is recommended to reconstitute the lyophilized Prothrombin Complex in sterile 18MÃ□Â©-cm H2O.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.