

## Human Prothrombin Complex - Purified

**Catalog No.:** AR10125PU-L

**Quantity:** 0.3 kIU

**Background:** 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.

**Species:** Human

**Source:** E. coli

**Format:** **State:** Sterile Filtered White lyophilized (freeze-dried) powder.  
**Buffer System:** Lyophilized Powder from 0.1M Sodium Chloride and 10mM Sodium Citrate buffer.  
**Reconstitution:** Restore in sterile 18M $\Omega$ -cm<sup>-1</sup> H<sub>2</sub>O.

**Description:** Prothrombin complex is a double virus-inactivated concentrate, containing equal Concentrations of Factors II, VIII, IX, X and Heparin.

**Storage:** Lyophilized Prothrombin-Complex although stable at RT for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Prothrombin-Complex should be stored at 2-8°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).  
Avoid repeated freezing and thawing.  
Shelf life: One year from despatch.