
Section S: Blood Product Overview – 5% ALBUMIN

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DESCRIPTION of PRODUCT

- Made from pooled human plasma using the Cohn cold ethanol fractionation process.
- Viral inactivation steps include cold ethanol fractionation and heat inactivation.
- 5% sterile solution of albumin with an approximate sodium content of 145mEq/L.
- 5% albumin is stored and issued in a glass bottle.
- Latex-free albumin is available, but some specific sizes may contain traces of latex from the stopper on the bottle. If not clearly indicated on the packaging that it is latex-free and latex-free products are required, please contact the BTL.

AVAILABILITY of PRODUCT

- All LHSC/SJHC sites have 5% albumin in stock in 250mL sizes; 500mL size may also be available..
- Pediatric sites also stock 5% albumin in 50mL sizes.
- 5% albumin is supplied by the CBS, manufactured by either Talecris (Plasbumin®5) or CSL Behring (Alburex®5)

STORAGE of PRODUCT

- Store at Room Temperature NOT exceeding 30°C.
- Do NOT freeze.
- Expiry date is indicated on the vial.

Date effective: Jan 2005

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CLINICAL INDICATIONS (see package insert for CONTRAINDICATIONS)

- Treatment of hypovolemic shock due to burns, trauma, surgical procedures.
- Cardiopulmonary bypass: volume replacement.
- Acute liver failure: bind bilirubin, protein replacement – 25% albumin usually recommended.
- Plasma exchange: volume replacement if plasma (FFP or CPP) not indicated.

REQUESTS for 5% ALBUMIN

- Issued as requested. No BTL specimen required.

ADMINISTRATION of PRODUCT

- 5% albumin is supplied in glass bottles. Vented infusion sets (HMMS #38680) are required, but the albumin does not need to be filtered.
- 5% albumin is iso-oncotic with an equal volume of plasma.
- Rate of infusion is dependant on clinical situation, and should be specified by ordering physician.
- Patient should be monitored for circulatory overload.
- **Once a vial is entered, the contents must be infused within 4 hours.**

ADDITIONAL COMMENTS

- **CAUTION:** Administering 25% albumin in error, instead of 5% albumin could result in circulatory overload.

LINK to WEBSITE for PRESCRIBING INFORMATION

Talecris product insert available at <http://www.talecris-pi.info/inserts/Plasbumin5.pdf>

CSL Behring product monograph available at:

http://www.csllabehring.ca/docs/306/360/Alburex_PM_app10feb10_CN131096%20and%20131099.pdf