
Section S: Blood Product Overview – HepaGam B™ Hepatitis B Immune Globulin (HBIG) Cangene

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DESCRIPTION of PRODUCT

- Sterile solution of purified gamma globulin (IgG) fraction of human plasma containing antibodies to hepatitis B surface antigen.
- Viral inactivation steps include the use of Solvent Detergent treatment and 20nm filtration.
- Each vial equals or exceeds the reference hepatitis immune globulin of 312 IU/mL.
- HepaGamB is stabilized with 10% maltose and 0.03% polysorbate 80. Contains no preservative.
- Supplied in a 1mL or 5mL single dose glass vial.
- The solution should be clear or slightly opalescent. Do NOT use if solution is cloudy or contains deposits.
- Contains < 40 µg/mL of IgA; may cause anaphylactoid reaction in individuals with anti-IgA.

AVAILABILITY of PRODUCT

- HepaGamB™ is stocked at UH LHSC Blood Transfusion Lab.
- [Talecris HyperHEP B™](#) is stocked at VH and SJHC Blood Transfusion Labs.

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STORAGE of PRODUCT

- Store at 2-8°C. Do NOT freeze.
- Keep vials in storage box until use.
- Expiration date indicated on package.

CLINICAL INDICATIONS (see package insert for contraindications)

Liver Transplantation

- Used for the prevention of Hepatitis B recurrence following liver transplantation in adult patients with hepatitis B who have no or low levels of HBV replication
- Recommended dosing regimen includes 1st dose (7 X 5mL or >10,000IU) given concurrently with the grafting of the transplanted liver (anhepatic phase) and daily from Day 1 – 7. Biweekly doses of 2 x 5mL are then given from Day 14 and then monthly after 4 months, based on maintaining serum anti-HBs levels at greater than 500mIU/mL

Post-Exposure Prophylaxis of Hepatitis B Infection

- Provides passive immunization, generally persisting for 2 months or longer, to individuals exposed to the hepatitis B virus (HBV) in the following situations:
 - acute exposure to blood containing HBsAg;
 - perinatal exposure of infants born to HBsAg-positive mothers;
 - sexual exposure to an HBsAg-positive person;
 - household exposure to persons with acute HBV infection.
- [Hepatitis B vaccine](#) should also be given to provide for both short and long term protection.

REQUESTS for HBIG

- Contact BTL with order. Product may have to be brought in from the CBS

ADMINISTRATION of PRODUCT

Liver Transplantation

- The 7 x 5mL (>10 000 IU) dose of HepaGamB will be provided in a 50mL saline bag from the Blood Transfusion Lab. Label will state patient name, PIN, Lot# of product as well as the total dose of Hepatitis B Immune Globulin and the total volume.
- Rate of infusion should be 2mL/minute or approximately 45 minutes for complete dosage administration.
- When smaller volumes are required post transplant, product will be issued in individual vials to the patient care area; may be given intravenously or by intramuscular injection.

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Post-exposure

- Administer by intramuscular injection.

LINK to WEBSITE for PRESCRIBING INFORMATION

Product monograph available at:

<http://www.cangene.com/pdf/HepaGam%20B%20English%20PM%20APR%2023%202009.pdf>