

Platelet component inventory, indications & ordering

PROPERTIES	INVENTORY	INDICATION/CONTRAINDICATION	ORDERING
Apheresis Platelet Psoralen Treated (APPT) & Pooled Platelet Psoralen Treated (PPPT)			
<ul style="list-style-type: none"> Leukocyte-reduced Pathogen-reduced Contains PAS-E & plasma Irradiation and CMV testing are not indicated, and not provided. 	<ul style="list-style-type: none"> Maintained in inventory at all distribution sites STAT and routine delivery 	<ul style="list-style-type: none"> Indicated for most patient populations requiring platelet transfusion. Contraindicated in patients with history of severe hypersensitivity reactions to amotosalen or other psoralen products and in neonates treated with phototherapy devices that emit a peak energy wavelength of less than 425 nm or lower bound of the emission bandwidth of less than 375 nm. Paucity of data in IUT 	<p><u>Fax form</u> Blood component order form</p> <p><u>Hospital Portal*</u> Order: Product type blood product</p>
Apheresis Platelet Psoralen Treated HPA & HLA matched			
<ul style="list-style-type: none"> Leukocyte-reduced Pathogen-reduced Contains PAS-E & plasma Irradiation and CMV testing are not indicated and not provided. Can undergo HLA or HPA testing 	<ul style="list-style-type: none"> Target 1–2 units of 1b1b in national inventory; all other matched platelets available through the HLA/HPA Platelet Program 	<ul style="list-style-type: none"> Same as above, but are reserved for those requiring HPA/HLA-matched units 	<p><u>Fax form</u> Request for HLA/HPA selected platelets</p> <p><u>Hospital Portal</u> Coming soon</p>
Apheresis Platelet PAS added (not psoralen treated)			
<ul style="list-style-type: none"> Leukocyte-reduced Contains PAS-E & plasma Irradiated BacT tested CMV testing will not be performed 	<ul style="list-style-type: none"> 2 units maintained for national inventory generally at Calgary and Brampton distribution sites. Once a unit is issued, it may take 24 to 48 hrs to restock given requirement for BacT testing. 	<ul style="list-style-type: none"> Not for general use. Available for specific indications. Care provider can request for use in IUT or severe psoralen allergy. May be considered for other rare indications. 	<p><u>Fax form</u> Special request order form</p> <p>OR Request for HLA/HPA Selected Platelets (if HLA/HPA requirements are needed)</p> <p><u>Hospital Portal</u> Coming soon</p>

*** Preferred ordering method**

PAS-E (Platelet Additive Solution), IUT (Intrauterine Transfusion), CMV (cytomegalovirus), HPA (Human Platelet Antigens), HLA (Human Leukocyte Antigens)

Please refer to FAQ: Information for health professionals on apheresis platelet psoralen-treated (APPT) and untreated apheresis platelet in PAS-E for more details about ordering these components.

Component type and availability are subject to change. Inventory shortages can occur and may impact availability of one or more of these components.

Notes:

1. Canadian Blood Services will maintain a small, national inventory (~2– 4 units) of apheresis platelet PAS added (not psoralen treated) per week for urgent requests. Canadian Blood Services will endeavor to fill ABO and RhD requests as ordered and will advise when substitutions may need to be considered.

2. For HLA/HPA requests, an apheresis platelet PAS added (not psoralen treated) unit may be ordered using the HLA/HPA selected platelet form. Please include requirements for an untreated apheresis platelet in PAS in the “Additional Information” section. Please note, like all HLA/HPA selected platelets, time will be required to fulfill these requests.