

- LB.50.1.1 Determination of the donor's forward ABO group (RBC grouping).
- LB.50.1.2 Determination of the donor's reverse ABO group (serum grouping).
- LB.50.1.3 Determination of the donor's Rh-D type (including a test for weak-D).
- LB.50.1.4 Detection of unexpected antibodies to red cell antigens (antibody screening).
- LB.50.1.5 There is a confirmation of agreement between donor's current and historical group/type.

LB.50.2 Discrepancies are solved before releasing any blood/blood components.

## LB.51

### ESR

**The blood bank develops a process to prevent disease transmission by blood/platelet transfusion.**

- LB.51.1 There are policies and procedures mandating that a sample of blood obtained from the donor during blood/ blood component collection is subjected to the following infectious diseases testing:
  - LB.51.1.1 HBsAg.
  - LB.51.1.2 Anti-HBc.
  - LB.51.1.3 Anti-HCV.
  - LB.51.1.4 Anti-HIV-1/2.
  - LB.51.1.5 Anti-HTLV-I/II.
  - LB.51.1.6 HIV-1 RNA.
  - LB.51.1.7 HCV RNA.
  - LB.51.1.8 HBV DNA.
  - LB.51.1.9 Serological test for syphilis.
  - LB.51.1.10 Other additional or supplemental tests as mandated by relevant health authorities.
- LB.51.2 The blood bank has a process to limit and detect bacterial contamination in platelet components. The process:
  - LB.51.2.1 Describes the blood bank approach to limit bacterial contamination and the investigations of positive cases.
  - LB.51.2.2 Ensures the employed detection method is sensitive enough to detect significant bacterial contamination.

## LB.52

**The blood bank establishes a process for the identification and discard of unacceptable blood/blood product.**

- LB.52.1 The process mandates two qualified staff members to perform and document this activity.
- LB.52.2 The process mandates discarding unacceptable components before the initial labeling of blood and blood components.

## LB.53

**The blood bank develops a process for initial labeling of blood and blood components.**

- LB.53.1 There are policies and procedures to ensure that:
  - LB.53.1.1 Blood and blood components are not labeled before completion of the donor testing.
  - LB.53.1.2 Blood and blood components are not labeled before the discard of unacceptable units.