

Diagnostic Services, Winnipeg Centre

Test Interpretation – Critical Values

Diagnostic Services will provide a faxed report, whenever possible, to the requesting facility or physician in the following cases:

Crossmatch Testing

- Positive DAT on a transfusion reaction investigation.
- ABO discrepancy of current sample versus previous record.
- Provision of red cell units that are incompatible but have been approved for issue.
- Unmatched units have been issued and patient was found to have a positive antibody screen upon completion of testing.
- Unmatched units have been issued and are later found to be incompatible upon completion of testing.
- Positive bacterial culture.
- Positive hemoglobin S result obtained post transfusion on IVT and exchange red cell units.

Perinatal Testing

- Positive DAT on cord blood or neonate sample.
- Kleihauer Betke result indicates that >1500 IU of RhIG is required.
- Rh positive mother where the Kleihauer Betke result indicates that a > 30 mL bleed has occurred due to trauma or at full term.
- Antibody titre ≥ 16 in maternal sample.
- Positive Kleihauer Betke result on a mother with an increased AFP.

Platelet Immunology Testing

- Positive HLA antibody screen or HPA antibody on a patient refractory to platelet transfusion.
- Positive HPA antibody on maternal NAIT sample or suspected PTP.