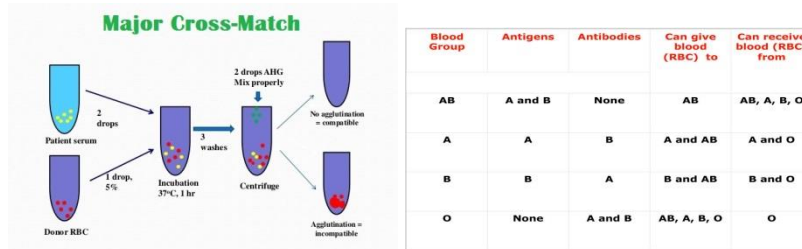


# Crossmatch Proficiency Test Program



The Cross-match Program comprises Blood Grouping (ABO and Anti-D), Direct Antiglobulin Test (DAT), Antibody Screen, Antibody Identification and Compatibility testing. The Crossmatch Proficiency Program includes manual as well as automated (Echo-instrument) testing.

## Survey Requirements

This module is designed for Laboratories that routinely prepare blood for transfusion as well as for labs that perform patient blood groups and DAT. Patients sample can be with or without allo-antibodies.

Any specific tests that are outside the scope of the laboratory and would normally be referred to a central or reference laboratory will not affect the performance assessment. Only those tests required for the transfusion of compatible units will be assessed.

## Sample specifications

There are 10 surveys per year consisting of patient red cell sample, patient serum sample and 4 donor samples.

## Selection Criteria

Availability of blood stock determines the specificity of tests sent out for the surveys. This may or may not include antibody positive plasma as well as antigen positive or negative red blood cells.

In addition, customer satisfaction questionnaires are distributed annually to provide the SANBS Proficiency Test program with participant feedback regarding the Proficiency programs.

## Reports and Assessment

The Crossmatch Proficiency Test program targets and acceptable responses are pre-determined. Results obtained by QC during production and results obtained during and at the due date must correspond. The final acceptable response is at the discretion of the Proficiency Advisory Committee (PAC). Variation between methods is taken into consideration during the evaluation.