

## Guidelines for the Blood Transfusion Services

### 12.13: Automated testing

<http://transfusionguidelines.org/red-book/chapter-12-donation-testing-red-cell-immunohaematology/12-13-automated-testing>

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An automated system as a minimum must accomplish the following:

- positive sample identification, reading and interpretation of results
- matching of results to sample identification
- electronic transfer of results.

There should be documented contingency plans for the breakdown or total failure of automated testing systems. Protocol settings for automated systems must be documented and version controlled. Where possible, current versions of software and settings for automated systems should be backed up and readily available.