
Test Maintenance and Development

Maintaining and developing our test repertoire is another laboratory core value and ensuring that our tests and reporting are of the highest standard and continue to meet the needs of service users is fundamental to our practices. To this end our test portfolio is subjected to regular review by qualified and competent clinical and scientific practitioners in order to maintain, develop and implement improved practices in the analytical process. We seek to streamline processes where possible and ensure full validation and verification of methodology and technology occurs regularly. Although not exhaustive the tools used include:

- Accuracy
- Precision
- Sensitivity
- Specificity and interferences
- Linearity of measurement
- Stability of samples/specimens
- Comparative evaluation
- Reference intervals (Ranges)
- Reportable ranges
- Limitations of performance
- Clinical interpretation and advice
- Standardisation of testing between instruments and testing sites.