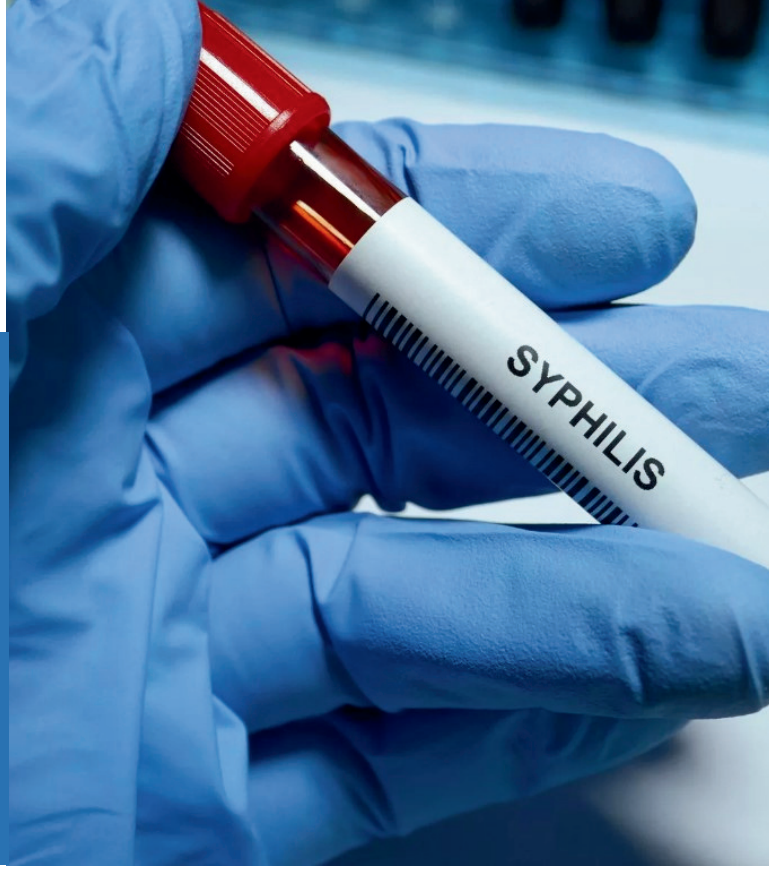
NHS NEQAS

Excellence in Quality



NHS-NEQAS is an External Quality Assessment Scheme (ISO 17043 Certified) to ensure quality testing in Medical laboratories.

Participating in EQA gives laboratories added confidence in reporting their patient test results as well as fulfil any regulatory requirements.

Pathology Laboratory must participate in EQA Program while applying for ISO 15189 from any authorizing bodies.

Syphilis EQA Outstanding Features

- Liquid ready to use
- Human source material (Plasma)
- This program includes Qualitative and Quantitative results.
- No reconstitution is required, eliminating the potential for reconstitution errors
- Bottle with attached orifice, eliminating the need to use a pipette
- Non-reactive against HIV, HBV, and HCV
- Borosilicate glass Bottle to enhance the stability of the analytes
- High quality matrix to ensure lot-to-lot reproducibility
- Extensive reporting of the appropriate sample every month
- Lab Friendly Storage
- 48 hours to report result after receipt of samples

Monitoring EQA Performance

Each EQA report should be evaluated using step by step approach consisting of the following three steps:

- Investigate the problem Source
- Corrective actions
- Confirm the effectiveness of corrective actions

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Syphilis

This program includes 14 analytes for testing.

- Syphilis (Methods available include immunoassay RPR, VDRL and TPHA)

Cat No	Pack size	Analytes	Sample	Cycle
881-SY	12 x 1.5 ml	1	Sample Every Month	12 Months Cycle

Systematic Errors

- Prepare fresh reagents & re-run sample
- Perform staff training
- Perform instrument maintenance
- Recalibrate instrument
- Review reagent/sample storage
- Check pipettes

Clerical Errors	Systematic Errors	Random Errors
• Transcriptive Error • Incorrect Units Used • Incorrect Sample Tested • Incorrect Method Classification • Calculation/conversion Error	• Sample/reagent prep/handling • Reagent/calibrator • Instrument/calibrator fault • Inexperience operators • Reagent deterioration • Inappropriate method	• Bubbles in reagent • Bubbles in reagent/sample pipette • Temperature Fluctuations • Poor Pipetting Technique • Poor Operator Technique