



NATIONAL HEALTH
LABORATORY SERVICE

QUALITY ASSURANCE

MEMO ■

Quality Assurance Department

1 Modderfontein Road, Sandringham

Ref: NHLS Proficiency Testing Scheme Web-based system

To: QA Managers
Area Managers
QA Coordinators
Business Managers
Laboratory Managers
Laboratory Supervisors
International Managers
Grant Funders
Heads of Departments

From: Patience Dabula
NHLS National Quality Assurance Manager

Date: 28 Jun 2023

RE: NHLS PROFICIENCY TESTING SCHEME (PTS) Web-based System

Dear Colleagues,

This is a further update on the development of the NHLS Proficiency Testing Scheme (PTS) Web-based System EQA Lite. More schemes have completed all the processes and are now fully automated.

Below is a list of schemes that are now automated. The schemes in italics were automated during the last communication sent on 22 Jun 2022.

1. Automated Differential Count,
2. β -hCG,
3. Chemistry (General),
4. Coagulation – PT & APTT,
5. *Cryptococcal Latex Antigen (CrAg)*,
6. C-Reactive Protein (CRP),
7. *Coagulation: D-Dimer*,

8. Erythrocyte Sedimentation Rate (ESR),
9. Full Blood Count (FBC),
10. *Hepatitis B surface Antigen (HBsAg)*,
11. *Human Immunodeficiency Virus (HIV) Serology (both laboratory and POCT)*,
12. *HIV Early Infant Diagnosis (EID)*,
13. *HIV Viral Load*,
14. *Immune Monitoring CD4*,
15. *Malaria RDT*,
16. *MTB Microscopy*,
17. *Mycology Moulds*,
18. *Mycology Yeast*,
19. *Specific Treponemal Syphilis serology* and
20. *Therapeutic Drug Monitoring (TDM)*.

The following PTS use both the on-line web-based and email submission systems to finalise the automation process. Please submit on both systems until further communication. This will allow the verification process to be finalised.

1. Blood Gas,
2. Cardiac Markers,
3. Endocrine,
4. Morphology peripheral smear,
5. Non- Specific Treponemal serology,
6. Parasitology Blood,
7. Parasitology Stool,
8. Reticulocyte count- Manual and
9. MTB Culture.

The following Schemes are not yet automated thus submissions must be done by e mail as per PTS handbook.

1. Automated Reticulocyte,
2. Bacteriology,
3. Hepatitis A IgM,



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4. MTB LPA,
5. SARS-CoV-2 Antigen and
6. SARS-CoV-2 Molecular PCR.

Further communication will follow as more schemes complete the process.

Kind Regards,

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