



**UNC PROJECT, LILONGWE,  
MALAWI**

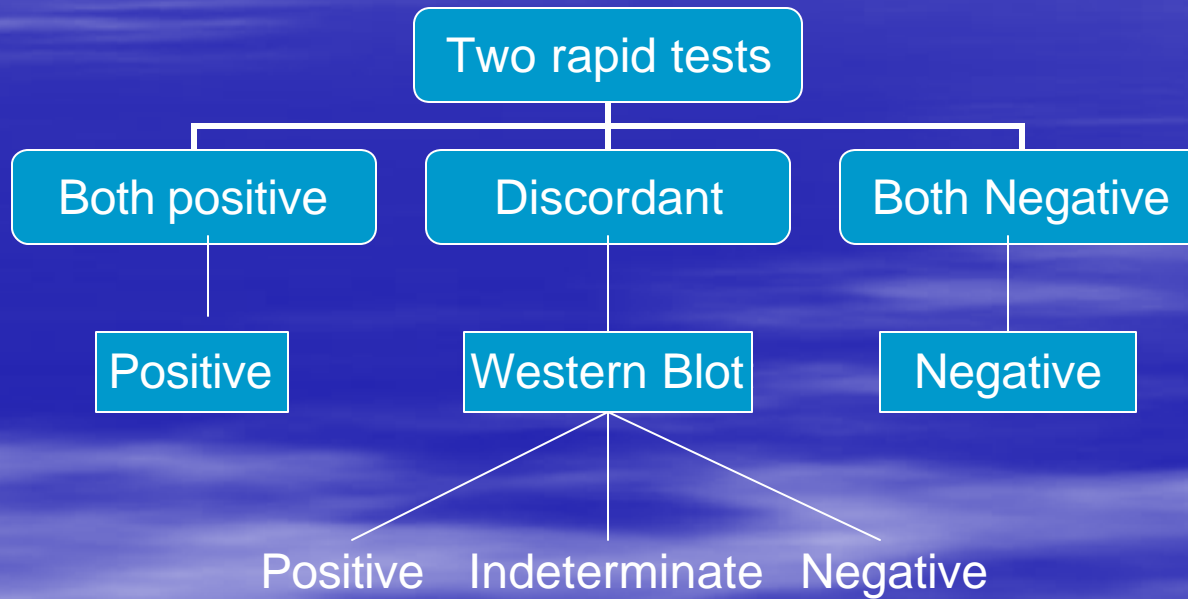
**LAB QC OF CLINIC TESTING**

**Blessings Banda**

# CLINIC TESTING

- HIV Rapid Testing – Abbott® Determine, Trinity ® Unigold(FDA approved).
- Pregnancy Testing - Quidel® QuickVue
- Urinalysis – Quidel ® QuickVue UrinChek 10+SG

# HIV RAPID TESTING



# HIV AND PREGNANCY KITS

- QC testing will be well managed by the lab personnel because the 035 client clinic rooms are on the same floor as the main lab.
- 10% of all samples tested at the clinics will be tested at Tidziwe lab.
- The QC testing will take place weekly or bi-weekly depending on the rate of client recruitment.
- A known positive and negative control will be included in the qc testing.
- All QC testing will be documented on a QC log and signed by the testing lab techs and reviewed by the lab supervisor.



# DISCREPANT RESULTS

- If there is a discrepant HIV result, a WB will be performed in the lab.
- If the WB is indeterminate, the client will be retested on her next visit.
- If there is a pregnancy discrepant result, the clinic will be responsible for getting another specimen from the client as soon as possible.
- The second specimen will be tested by the clinic and also retested by the lab.
- The lab manager will discuss all discrepant results with the 035 clinic nurse and the study coordinator.

# TRAINING OF CLINIC NURSES

- UNC Project Nurses are trained by a lab supervisor in rapid HIV testing, Urinalysis, and Pregnancy testing prior to performing these tests in the clinics.
- They are tested on blinded samples generated from the lab.
- The supervisor gives them a certificate when he is satisfied with their performance.









# URINALYSIS

- Retesting of 10% of clinic samples
- Nurses will be instructed to send samples to the lab as soon as their testing is completed.

# The End!

