

FACILITATOR GUIDE

Training on Proficiency Testing Scheme (GeneXpert DTS)

Module 11: Panel Selection and Validation for DTS

Acknowledgements

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Part 11.0: Panel Selection and Validation for DTS



OBJECTIVE: To acquit and refresh participants with the basic knowledge on Panel Selection and Validation for DTS

MATERIALS:

1. Handouts,
2. Slides
3. Computer
4. Over head projector
5. Flip chart
6. Markers and pens
7. Note books

TIMELINE: 45 Minutes

METHODOLOGY:

1. Lecture
2. Discussion

ADVANCE PREPARATION:

1. Printing notes,
2. Familiarize oneself with the slides

FACILITATORS STEP-BY STEP INSTRUCTIONS:

1. Welcome and Introduction
2. Present module overview
3. Ask question about module expectations
4. Distribute handouts
5. Start the presentation
6. Recap presentation using discussion questions
7. Ask if there is any question.

FACILITATORS NOTES

1. Make sure you go slow with the presentation chronologically as in the ppt file;
2. Encourage some of the participants to answer some of the questions that may arise during the presentation as this may create active participation from most of the class.
3. Make sure the materials required for the practical session are readily as this module requires direct engagement and attention from participants.
4. Know the role of SD, Ct values and their relation with SPC, Probe A

SLIDE OF POWERPOINT PRESENTATION



THE REPUBLIC OF UGANDA
MINISTRY OF HEALTH

UGANDA Supranational[®]
Reference Laboratory
Timely Accurate Diagnostics for a TB-Free Africa

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Module 11: Panel Validation

Venue
Facilitator's name
Date

SITUATION ANALYSIS/ EXERCISES

- Choosing a good panel
Group activity with direct engagements

ASSESSMENT REVIEW

1. How do you know if the panel is good enough?
2. Why do you need to inoculate the inactivated sample for 2 cycles/ 84 days?

REFERENCES

ISO 13528:2005, Statistical methods for use in proficiency testing by interlaboratory comparisons

ISO 15189:2012, Medical laboratories – Particular requirements for quality and competence

ISO Guide 34, General requirements for the competence of reference material producers

ISO Guide 35, Reference materials – General and statistical principles for certification

ISO/IEC 17043 First edition 2010-02-01

Guide 34, ISO Guide 35 and ISO 13528 (homogeneity and stability)

ISO/IEC Guide 98-3, Uncertainty of measurement – Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)