## **FACILITATOR GUIDE**

# Training on Proficiency Testing Scheme (GeneXpert DTS)

Module 11: Panel Selection and Validation for DTS

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### Acknowledgements

This Module was prepared by Pius Lutaaya.

The inputs provided by the representatives of SRL-Uganda are acknowledged.



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:**

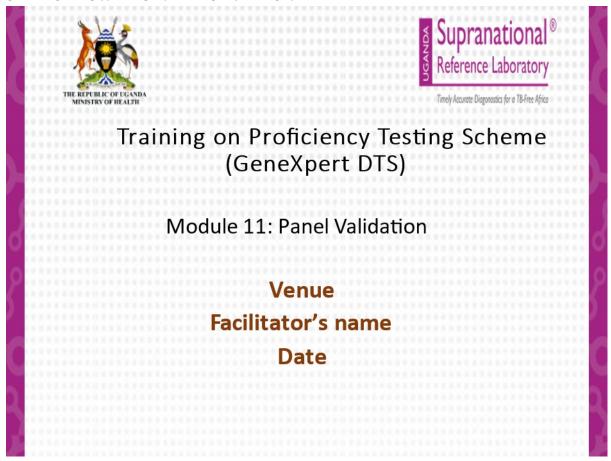
- 1. Welcome and Introduction
- 2. Present module overview
- 3. Ask question about module expectations
- 4. Distribute handouts
- 5. Start the presentation
- 6. Recap presentation using discussion questions
- 7. Ask if there is any question.

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#### **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



#### 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?

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#### **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)

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