# **FACILITATOR GUIDE**

# Training on Proficiency Testing Scheme (GeneXpert DTS)

Module 3: Introduction to Genexpert PT

This Module was prepared by SRL-Uganda training team

Part 3.0: Introduction to Genexpert PT



**OBJECTIVE:** To acquit and refresh participants with the basic knowledge on planning a GeneXpert PT scheme

#### **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 as follows;

Purpose of GeneXpert PT

Type of Scheme

Make sure you know FTA in full

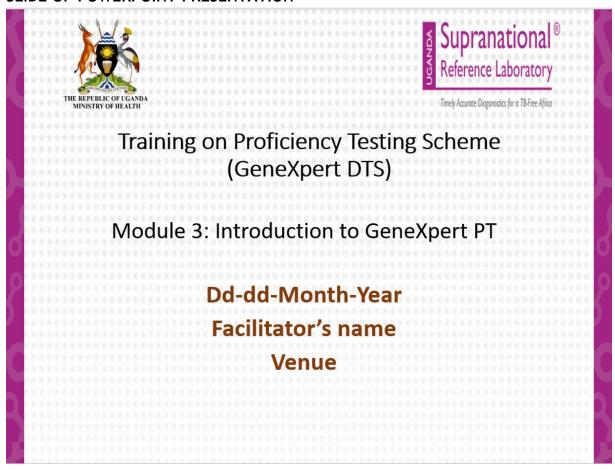
The choice of DTS as the preferred method of choice for the scheme

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### Verification

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.

### SLIDE OF POWERPOINT PRESENTATION



# SITUATION ANALYSIS/ EXERCISES

 In a group of 3 describe the different methods available for making GeneXpert PT items. (5 minutes)

#### **ASSESSMENT REVIEW**

- 1. What type of PT scheme does GeneXpert scheme belong to?
- 2. Compare and contrast DTS, FTA and liquid panels
- 3. Mention major requirements to get started with PT preparation

### **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)
- ISO/IEC 17011:2004, Conformity assessment General requirements for accreditation bodies accrediting conformity assessment bodies
- ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories

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