# **FACILITATOR GUIDE**

# Training on Proficiency Testing Scheme (GeneXpert DTS)

Module 4: Workflow in the preparation of DTS panels

GXPT/FG/004 Page 1 of 5 Version 2.0

# Acknowledgements This Module was prepared by SRL-Uganda training team. The inputs provided by the representatives of SRL-Uganda are acknowledged.

Page **2** of **5** 



**OBJECTIVE:** To acquit participants with the technical work flow and management processes in preparation of genexpert PT panels

# **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
- 3. Preparation of necessary practical materials needed

# **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;

Preparation of culture isolates and choice of culture method

Page 3 of 5

GXPT/FG/004 Version 2.0

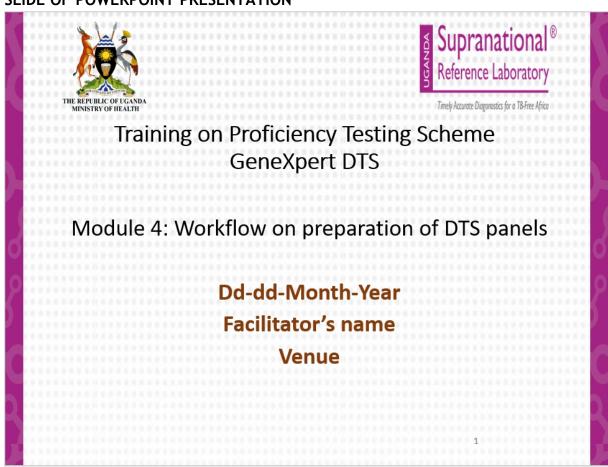
Inactivation and method of choice

Dilution factors

Keeping the DTS out of UV light

- 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 are readily.

# SLIDE OF POWERPOINT PRESENTATION



# SITUATION ANALYSIS/ EXERCISES

Non except real engagement of participants in the practice areas

GXPT/FG/004 Version 2.0 Effective date: 01-Apr-2022

#### ASSESSMENT REVIEW

- 1. What is the method employed to verify inactivation of the inoculum?
- 2. Why do you think MGIT culture is preferred to LJ for growth of the inoculum?
- 3. Why are the DTS preparations left to dry out of UV light?

# **REFERENCES**

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

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

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

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

GXPT/FG/004 Page **5** of **5**