FACILITATOR GUIDE

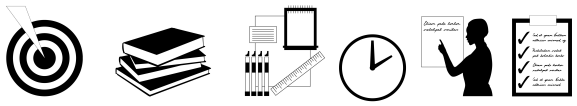
Training on Proficiency Testing Scheme (GeneXpert DTS)

Module 10: Panel Aliquoting

Acknowledgements
This Module was prepared by SRL-Uganda training team.

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

Part 10.0: Panel Aliquoting



OBJECTIVE: To acquit and refresh participants with the basic knowledge on Panel Aliquoting

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:

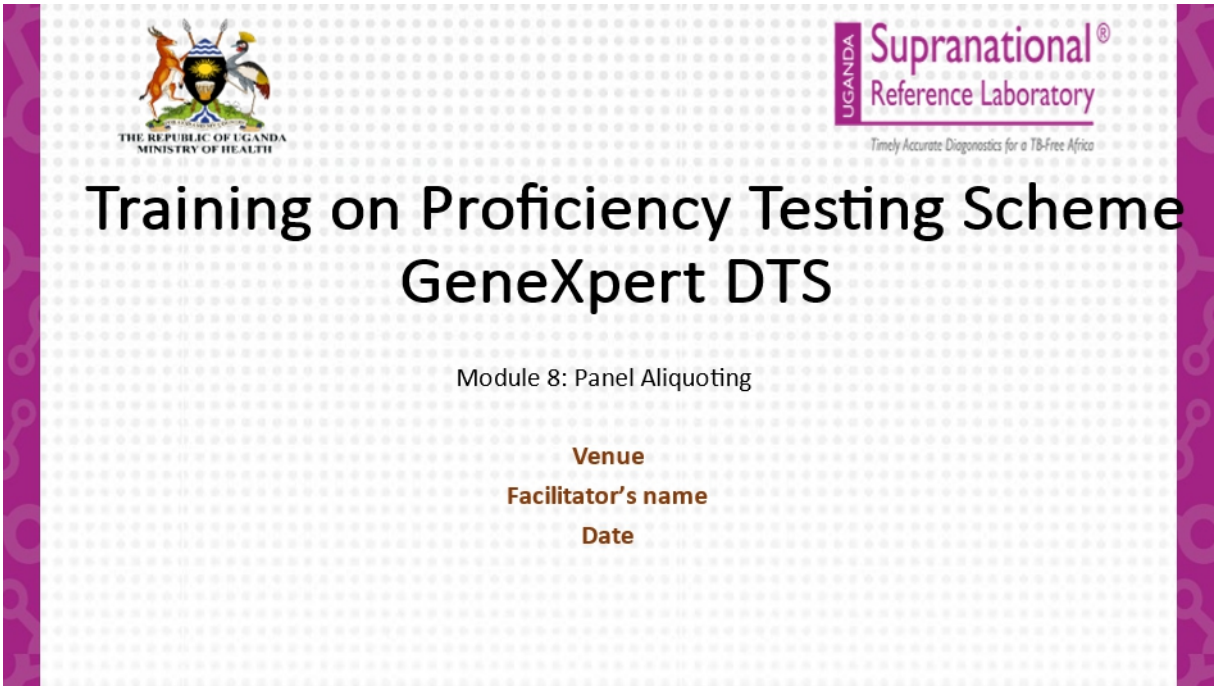
1. Welcome and Introduction
2. Present module overview
3. Ask question about module expectations
4. Distribute handouts
5. Start the presentation
6. Recap presentation using discussion questions
7. Ask if there is any question.

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 dilution factors for aliquoting

SLIDE OF POWERPOINT PRESENTATION



SITUATION ANALYSIS/ EXERCISES

- Dilution factors and diluent considerations
  Group Activity

ASSESSMENT REVIEW

1. What measures are employed to avoid mix-ups of stock in DTS preparation?
2. What is the volume aliquoted in each tube for a DTS preparation?
3. What are the storage activities performed during DTS preparation?

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