

FACILITATOR GUIDE

LJ CULTURE TECHNIQUE

**QUALITY ASSURANCE, QUALITY INDICATORS AND TROUBLESHOOTING FOR LJ
CULTURE TECHNIQUE**

Module: 12

Acknowledgements

This Module was prepared by Kabugo Joel.



OBJECTIVE: To equip the participants with the key quality assurance steps, quality indicators and troubleshooting regarding the LJ culture technique.

MATERIALS:

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

TIMELINE: 45 Minutes

METHODOLOGY:

1. Lecture
2. Discussion
3. Exercise

ADVANCE PREPARATION:

1. Printing notes,
2. Familiarize oneself with the slides and general overview on concepts of quality indicators in TB lab
3. Prepare some cross tabulation LJ and Microscopy results forms or excel to be used as demonstration during the discussion

FACILITATORS STEP-BY STEP INSTRUCTIONS:

1. Welcome and Introduction
2. Present module outline and define QA
3. Break the class into three groups to answer the exercise.
4. Continue the presentation
5. At slide number 16;-do distribute/show the cross tabulation of ; LJ and microscopy results demonstration.
6. Recap presentation using assessment questions
7. Ask if there is any question.

FACILITATORS NOTES

1. Ice breaker-what would you do in the event that the your LJ results are negative for a baseline sample and positive (3+) with AFB microscopy

2. Considered quality indicators may vary from one facility to another therefore in this session you can encourage active participation from the class to share some of the other considered QIs.

SLIDE OF POWERPOINT PRESENTATION



Training on LJ Culture technique

**Quality Assurance, Indicators and Trouble
shooting for LJ CULTURE METHOD**
23rd – 27th April 2018

**Uganda Supranational Reference
Laboratory**

SITUATION ANALYSIS/ EXERCISES

1. Randomly select one group to read out their answers with one member from the group writing the answers on the flip chart.
2. Inquire from the other groups if they have any answers not mentioned by the presenter. Also add their answers on the flip chart.

ASSESSMENT REVIEW

1. What is the difference between Quality assurance and quality control?
2. What is the importance of lot-to-lot testing of antigen kits?
3. What are the major LJ culture performance indicators?
4. How would you trouble shoot a failed positive process control sample for LJ culture?

REFERENCES

- GLI TB training package
(<http://www.stoptb.org/wg/gli/trainingpackages.asp>)
- LPA training materials (<http://www.hain-lifesciences.com>)