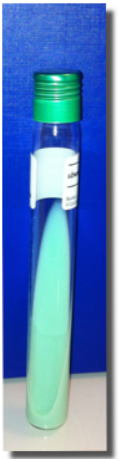


## Solid culture with Löwenstein-Jensen (LJ) slopes

LJ slants are inoculated with decontaminated and concentrated sputum specimens and are incubated at 37°C and examined weekly during a minimum of 2 months. Slants can also be inoculated from each positive MGIT tube. Once good growth is obtained, these positive slants can be stored in a cool, dark place to archive the positive *M. tuberculosis* isolates during a few months. Many different solid media are available for cultivating mycobacteria. Most are variations of egg-potato base or albumin-agar base media. They can be home prepared or bought. Inoculation of slants must be done inside the biosafety cabinet.

Kudoh solid medium is presented in another bloc. It can be inoculated avoiding decontamination centrifugation steps.



LJ slants are inoculated at 37°C (or 30°C for cutaneous samples)



*M. tuberculosis* usually grows in 21 days as a buff-colored, dry colony

With more on: GLI Mycobacteriology Laboratory Manual, First Ed 2014  
<http://www.who.int/tb/laboratory/mycobacteriology-laboratory-manual.pdf>