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Ready Reckoner/MRC/ 2023/10

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Key tests to discriminate different bacterial spp. & strains

Biochemical tests & Serological tests

- Gram staining, Oxidase, Catalase
- Urease test
  Simmon's citrate test
- MRVP test, Tripple sugar iron (TSI), Lysine iron (LI) agar
- Amino acid utilization test (Arginine, Lysine, Ornithine)
- Enzyme profiling
- Sugar fermentation test (All sugars)

*Glucose, adonitol, galactose, raffinose, inositol, rhamnose, fructose, trehalose, lactose, sucrose, melibiose, dulcitol, sorbitol, mannitol, maltose, mannose, cellobiose, arabinose, salicin

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