

Bacteria Identification (Microbiology Method)



Introduction

- Used in many applications e.g. microbial forensics, environmental studies
- Essential for correct diagnosis of disease and treatment

Advantages

- Economical/ low-cost
- Cultures are viable - can carry out consecutive tests e.g. antimicrobial sensitivity

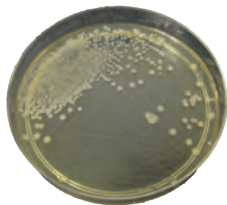
Principles

- Based on isolation and culture of bacteria and characterizing the bacteria e.g. by biochemical means
- Each bacterial species produces a unique biochemical profile on which identification is based on

Vet Food Agro Diagnostics (M) Sdn Bhd offers 2 main types of bacteria identification services:

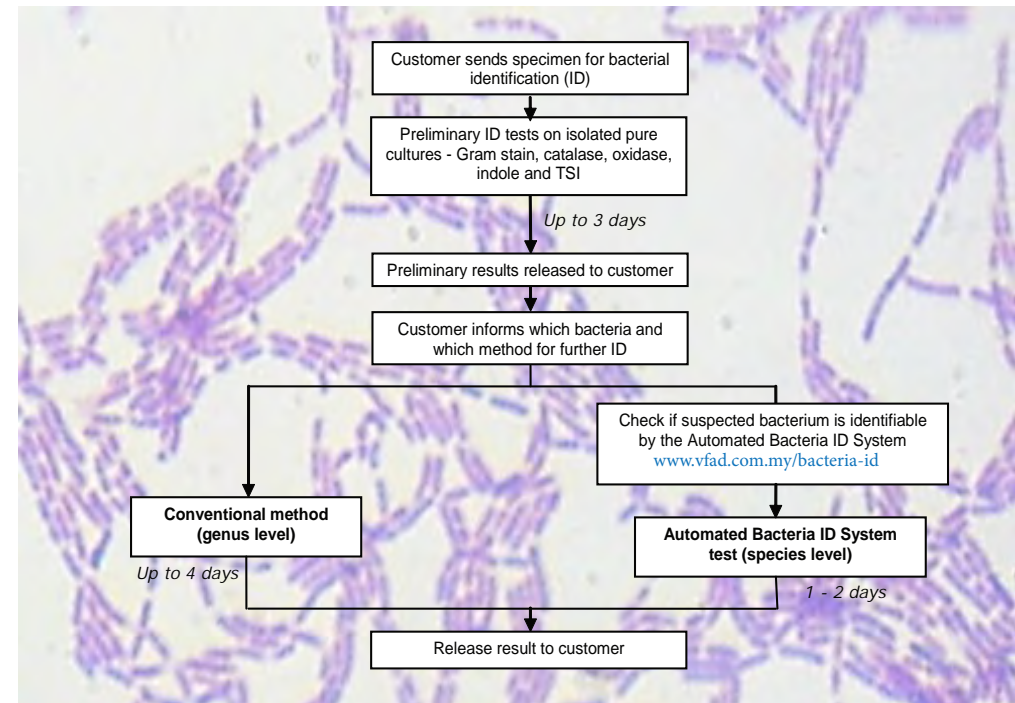
Test Code	Test Name	Description
21BACI-B038	Bacteria Identification (To Species Level)	Identification using Automated Bacteria Identification (ID) System
21BACI-B002	General Bacteria Identification (Genus Level)	Identification using conventional method

Automated Bacteria ID System vs. conventional method



- It is impossible to identify all types of bacteria as there are too many species
- Conventional methods can identify bacteria up to genus level only
- The Automated Bacteria ID System is able to identify 500 types of bacteria up to species level
- You may check if your bacterial sample can be identified by the Automated Bacteria ID System by using our online tool: www.vfad.com.my/bacteria-id

Automated Bacteria ID System	vs.	Conventional Method
Miniaturized identification method		Conventional biochemical tests
Identify up to 500 types of bacteria to species level		Identify bacteria to genus level only
Shorter turnaround time (4-5 working days including preliminary identification)		Longer turnaround time (7 working days including preliminary identification)
29 - 30 biochemical / enzymatic tests		10 - 20 biochemical / enzymatic tests
Accurate results based on statistical use of specially designed tests and an exclusive database derived from clinical, food & environmental strains of bacteria		Results based on use of identification schemas; not as accurate as Automated Bacteria ID System



Notes:

- Charges for further identification are based on number of bacterial strains, not number of specimens (as one specimen may contain several bacteria).
- Before proceeding to the Automated Bacteria ID System test, customer has to check if the suspected bacterium is identifiable by the system.
- In the event that the Automated Bacteria ID System fails to yield an identification result the bacterial specimen will be subjected to identification via conventional methods. However, customer will be charged the Automated Bacteria ID System test price.



VET FOOD AGRO DIAGNOSTICS (M) SDN BHD (560721-X)
 Lot 18B, Jalan 241, Seksyen 51A, 46100 Petaling Jaya, Selangor, Malaysia.
 Tel: 603-7873 6405/ 7873 7355 (Ext: 344/372/380) Fax: 603-7873 9209
 Website: www.vfad.com.my Email: vfad@rhonema.com



More info? Snap me!

