



BRIEF PRODUCT INFO

Tween 80-incorporated agar that promotes the growth of organisms causing infections, from sterile body fluid samples

PITCH INFO

- Early detection of infectious agent is essential in order to provide timely and accurate management of patients with infections.
- Inaccurate diagnosis may affect the management resulting to prolonged disease (40%) as well as death in patients.
- Therefore, isolating and identifying the microorganism causing the infection is important.
- Culture negative (no growth of microorganism in patient with suspected infection) is a great challenge for experts in the microbiology diagnostic laboratories, since the successful isolation of microorganism from sterile samples is low.
- Our media, the "Putra Amazing Agar" that contains an effective surfactant, the Tween 80 offers a solution which:
 - ✓ Increases the growth of microorganisms by 40% compared to routine agar
 - ✓ Decreases cost of process by 50% compared to blood culture bottle automation system
 - ✓ Reduces incubation time by 50% compared to blood culture automation system
- Hence, Putra Amazing Agar has the potential to be superior to the standard agar in providing an effective solution for culture negative and is lower in cost in comparison with automation system.

MARKET VALIDATION ACHIVEMENT

2021

- Received Gold Award ITEX 2021
- Participated in ASEAN Summit (International) and MyTech Pitch (local) pitching events

2022

- Awarded RM100K *Geran Pembangunan Produk Penyelidikan*
- Product presentation to selected public hospitals
- Collaborated with an industry partner

NEXT MILESTONES

1. Obtain licensing from UPM
2. Media production by industry partner
3. Product ready to be commercialized
4. Raise funding of RM750K



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STARTUP



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