







Viral detection technology

- Customizable (avian or crustacean species)
- Rapid (30-60 minutes for final output)
- Cost effective (no machine required)
- Specific (accurate and reliable)
- Sensitive (requires less than 1 ng DNA sample)
- Simple to operate with easy result observation

Avian gender sexing

- Non-invasive test for high value young birds

PITCH INFO

- We mitigate the risks of animal health problems, especially for avian species by providing a healthcare screening system.
- We also able to offer avian gender sexing for high value birds, e.g. macaw and parrots. Less hassle, just pluck its feather and send!
- We assist in early detection of bird viral infections which can reduce the value and may be fatal to the birds.
- Early screening can prevent potential outbreaks due to undetected viral circulation.
- We offer adaptable and customizable technology. New tests for a target/disease of particular interest can be developed within few months.
- Current market: Animal owners, breeders and shops.

MARKET VALIDATION ACHIVEMENT / TRACTION SALE

Price (RM)



NEXT MILESTONE

- To acquire commercialization fund for the product to reach TRL 8.
- To find business partners specializing in other animal hosts, e.g. bovine or equine, to increase the product's value.



Mohamad Fadzirul Anwar Zainol



Mariatulqabtiah Abdul Razak



Nurulhuda Najihah Zainal Abidin

Marvic BioHub
Innohub, Putra Science Park,
Universiti Putra Malaysia
43400 UPM Serdang, Selangor
marvicbiohub@gmail.com
@ @marvic biohub

