



MICROBIAL SOURCE TRACKING

Faecal contamination of water bodies poses a higher risk to public health than that from other sources. Using host-specific molecular markers, microbial source tracking (MST) offers a higher resolution compared to the conventional faecal indicator bacteria (FIB) method.



Why use MST?

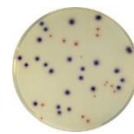
Determining the scale of response

Determining the level of treatment required for urban stormwater

Enabling remedial action and protection of water supply

Site risk assessment and investigation of contamination involving recreational and aquacultural activities

Our MST Testing Solutions



FIB Detection

- General screening
- Chemistry profile
- Cultured-based detection of
 - *E. coli*
 - *Enterococcus*

qPCR

- Host-specific detection
- Molecular markers of
 - Human *Bacteroides*
 - Ruminant *Bacteroides*
 - Other host-specific bacteria



Next Generation Sequencing (NGS)

- Source-specific microbial profiling
- 'Fingerprints' of
 - Bacterial taxa
 - Composition



Talk to us 

WhatsApp: +60 12-698 7154

Email: marketing.my@alsglobal.com

Follow us



HQ Shah Alam +603 7845 8257

Other Sites:

Johor Bahru Pulau Pinang

Kota Kinabalu Kemaman



marketing.my@alsglobal.com

www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER