RYNAN®
TECHNOLOGIES

VIBRIOKIT

RYNAN® AQ-VibrioKit

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FEATURES

The RYNAN® AQVibrioKit detects Vibrio bacteria in shrimp ponds within 48 hours using a specialized agar plate and AI analysis via the TOMGOXY® app, enabling precise management protocols. Farmers can use the RYNAN® VibrioKit directly at shrimp farms and obtain lab-grade results

TECHNICAL SPECIFICATIONS

Step 1	Open the TOMGOXY® app > Select the "Bacteria Count" feature > Tap the QR code scanning icon to scan the QR code on the RYNAN® AQVibrioKit agar plate.
Step 2	Scan the QR code on the test plate
Step 3	Use the provided syringe to extract 0.1 ml of shrimp pond water. Inject the water sample into the center of the agar plate.
Step 4	Incubate the agar plate at room temperature, in a dark place away from direct light (no incubator required), for 24 hours or until Vibrio colonies appear.
Step 5	Remove the film from the agar plate. Open the TOMGOXY® app and direct the camera toward the plate for 1–5 seconds. Vibrio alginolyticus - Transparent White Vibrio parahaemolyticus/Vibrio owensii - Blue Other groups - Purple Pink
Step 6	Review the results and recommendations/warnings displayed on the system.

FEATURES ON THE TOMGOXY® APP

History Retrieval:

Scanned images are saved under seasonal history and can be retrieved anytime via the app.

Quick New Analysis:

Each new test plate has a unique identifier, allowing quick water quality checks at any time.

STORAGE INSTRUCTIONS

Shelf Life: 3 months from the date of manufacture.
Storage Conditions: Store at 26–28°C. Keep unused kits in low-light areas.
Warnings: Do not use if contamination or damage is detected. Do not use expired products.

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