

QGOM Microbiological test kit

Cat. No. KITZ-039 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

QGOM Microbiological test kits are based on the measurement of ATP, which is a direct and interference-free indicator of total living biomass. ATP is measured using the firefly luciferase assay, where a sample containing ATP is introduced to a solution containing the enzyme Luciferase, which naturally occurs in the tails of fireflies, to produce light. The light is detected as Relative Light Units (RLU). Traditional microbiological tests require days for feedback and measure only a fraction of the microorganisms, QGOM Microbiological test kit measure total microorganisms and provide feedback in minutes. The test kit is designed for low-solids organic-based samples. Using a single analysis, you will be able to quickly measure total microbiological concentration in any organic sample with a wide detection range.

Size

100 Tests

Storage

4 to 25 °C

Shipping

Ice pack

Kit Components

1. Luciferase Enzyme Reagent, 3mL, 4 to 25, 6 to 12months shelf life;
2. 1 ng ATP/mL Standard, 5mL, 4 to 25°C, 18 months shelf life;
3. ATP Extraction Reagent, 125mL, 4 to 25°C, 18 months shelf life;

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4. ATP Dilution Reagent, 9mL, 4 to 25°C, 18 months shelf life;
5. Filter Wash Reagent, 250mL, 4 to 25°C, 18 months shelf life;
6. Quench-Gone Organic Syringe Filters, 25/pk;
7. 20mL Syringe, PP/PP, 25/pk;
8. 60mL Syringe, PP/Neoprene, 5/pk;
9. 100 to 1000µL Blue Pipet Tips, 100/rack;
10. 10 to 200µL Yellow Pipet Tips, 96/rack;
11. 12x55mm Test Tubes, 50/pk;
12. Disposable Bulb Pipets, 5mL, 25/Pack;

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