

# Malachite Green Test

Creative Diagnostics is a leading company in rapid diagnostics, offering customers lateral flow assay (LFA) solutions for the qualitative or quantitative analysis of malachite green in seafood or water. With many years of industry experience and an excellent research team, our company has made a lot of efforts in developing this fast and convenient detection method, contributing to solving the growing concern about malachite green residues in seafood and water.

## Significance of Malachite Green Testing

Malachite green is a synthetic triphenylmethane chemical that can be used as a bactericide and repellent to prevent and treat bacterial, fungal, and parasitic infections in aquatic animals. Due to its low cost and effectiveness, malachite green is commonly used in the aquaculture industry. However, with the deepening of research, malachite green has attracted much attention from researchers and consumers due to its high toxicity, high residual properties, and potential teratogenic, carcinogenic, mutagenic, and other toxic side effects. To comply with regulatory standards, simple, sensitive detection methods are necessary to accurately identify malachite green residues, which is critical to protecting the environment and human health.

