Histamine Assay Kit

Cat. No. Kit-2466 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HISTAMINE (C5H9N3) is a biogenic amine naturally present in many foods and body cells in amounts without toxicological significance. It is also a contaminant that mostly found in the Scombridae family fishes such as tuna and mackerel or other seafood products when improperly handled or stored. The consumption of foods containing high level of histamine may lead to an allergy-like food poisoning known as scombroid poisoning. histamine assay kit is based on histamine dehydrogenase catalyzed oxidation of histamine in which the formed electron mediator reduces a formazan (MTT) reagent. The intensity of product color, measured at 565 nm is directly proportional to histamine concentration in the sample.
Storage	-20ºC
Shipping	On Ice
Size	100 tests
Detection method	OD565nm
Compatible Sample Types	Food, beverage and agricultural products
Features & Benefits	Fast and sensitive. Use of 20 µL sample. Linear detection range 0.0025 - 1 mM (0.3 - 111 ppm) histamine in 96-well plate assay. Convenient. The procedure involves adding a single working reagent, and reading the absorbance after 30 minutes. Room temperature assay. No 37°C heater is needed.

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	High-throughput. "Add-mix-read" type assay. Can be readily automated as a high-throughput 96-well plate assay for thousands of samples per day.
Assay time	30 min
Sensitivity	2.5 μM

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