

Chemical Product Sheet

Presence-Absence or Most Probable Number Tests

**PRODUCT NAME:**

Colilert

TEST TYPE:

Presence-Absence (P-A) or Most Probable Number (MPN)

PRODUCT DESCRIPTION:

Colilert uses the patented Defined Substrate Technology® (DST®) to simultaneously detect themotolerant (fecal) coliform and total coliform bacteria. Two nutrient indicators, ONPG and MUG, are used to identify the coliform enzyme beta-galactosidase and the *Escherichia coli* (*E. coli*) enzyme beta-glucuronidase. After incubation, total coliforms change the culture media from colorless to yellow, and *E. coli* will fluoresce under a UV light.

MANUFACTURERS:

IDEXX Laboratories, Inc.
One IDEXX Drive
Westbrook, Maine 04092 USA

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water@idexx.com

<https://www.idexx.com/en/water/water-products-services/colilert/>

AVAILABILITY:

USA and international

COST:

Contact IDEXX Laboratories, Inc. for pricing.

CATALOGUE NUMBER	MANUFACTURING NUMBER	PRODUCT DESCRIPTION
c	98-12972-00	Colilert for 100 mL Sample, 20-pack
WP100I	98-27163-00	Colilert for 100 mL Sample, 100-pack
WP200I	98-12973-00	Colilert for 100 mL Sample, 200-pack
W100I	98-14770-00	Colilert Predispensed in 10 mL tubes, 100-pack
W200I	98-14771-00	Colilert Predispensed in 10 mL tubes, 200-pack
WQT100	98-21378-00	Quanti-Trays, 100-pack (0-200 MPN)
WQT-2K	98-21675-00	Quanti-Trays/2000, 200-pack (0-2,419 MPN)
WQTS2X-115	99-10893-01	IDEXX 110 Volt Quanti-Tray Sealer
WQTS2X-230	99-10896-01	IDEXX 220 Volt Quanti-Tray Sealer
WL200	98-06423-00	4-Watt Pocket UV Light

STORAGE:

Store at 2-30°C and away from light, up to 12 month shelf life at room temperature

OTHER NECESSARY PRODUCTS:

Incubator, UV light for reading *E. coli* results

P-A method: sample container (transparent, nonfluorescing)

MPN method: test tubes or Quanti-Tray® or Quanti-Tray®/2000, Quanti-Tray sealer



Colilert package



Presence-absence test bottles with positive results (Source: IDEXX)

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