

CROMOKIT®

Chromogenic culture media

At **MICROKIT®** we are **pioneers** (since 1991) in the design and manufacture of **the most diverse chromogenic media** for microbiological analysis of food, water, cosmetics, surfaces and air: **CROMOKIT®** line. Both in dehydrated and in all types of ready-to-use media formats. Both in agarized and in highly reliable negative screening broths. Both in selective media and in general media that need greater contrast between the colonies and the medium.

They are **enzymatic media**, not just biochemical, that is why they are much more reliable than classical media: if a colony is of the indicated color, the probability that it is the target microorganism increases from an average of 70% to an average of 99.5 %. This saves huge amounts of subsequent reagents in colonies that are no longer suspect; and that **saves all the time wasted in confirming false positives, typical of classic media**. There are already several chromogenic media that have entered the ISO Standard, but our R&D is much more agile than the regulatory and legislative bureaucracy. Stay ahead of the future: it is already present. Our innovation is yours!



RAPIDTEST Broth

Different shades of red turn based on total microbial load and incubation time.



CCA (MUGPLUS Agar) ISO 9308-1

Blue *E.coli* colonies (turquoise, indigo, violet) and pink colonies of the rest of coliforms



MCC Colicult Broth

Turquoise blue broth when coliforms are present, also fluorescent under 366 nm UV light and red ring positive indol when *E.coli* is present.



CHROMOSALM Agar

Blue-green colonies of *Salmonella* spp. Black or colorless colonies of other Enterobacteriaceae, even those that usually give false positives in other media (even chromogenic): Proteus, Citrobacter...



T.B.X. Agar ISO 16649-2

Blue-green colonies of *E.coli*



Cromocytogenes O&A Agar ISO 11290-2018

blue-green colonies with halo of *Listeria monocytogenes*, which are also Rhamnose + and Xylose -



PCA-Cromogenic Agar

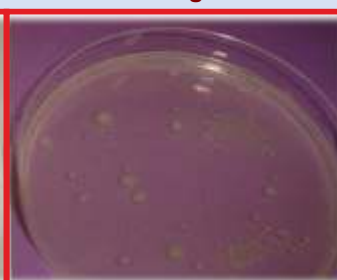


YEA-Cromogenic Nutrient Agar

PCA-Chromogenic Agar (PCA Water)

PCA-MILK-Chromogenic Agar

in all three media, the red colonies contrast with the cream color of the media, particles, bubbles, membranes, and artifacts



YEA-Chromogenic Nutrient

Noncontrast, doubtful, eye-tiring colonies in classic PCA-Milk



X-BC Agar (Mossel, PREP, MYP with cromogen)
Bacillus cereus turns media from salmon to fuchsia and its colonies are blue-green with a white rim.



Cromokit SDA Caf (Chromogenic Sabouraud) both yeasts (left) and molds (right) are detected earlier and better, due to their blue contrast with the cream-colored medium



Colicult-Plus ISO 9308-2 with additional chromogen: negative screening for *E. coli* (turning green without misinterpretation of fluorescence, and red indole) and rest of coliforms (turning yellow) in 100-250 mL of drinking or bath water



BCPT chromogenic Agar:
Burkholderia cepacia complex detection by its red colonies and medium turned around salmon to fuchsia



HRS Rapid Agar, Agar detection of *Bacillus sporothermodurans* and other UHT heat resistant spores. Vulcaniform red colonies in the first 36h



CROMOKIT-CP Agar, detection and counting of *Clostridium perfringens* and its spores, without blackening of the medium (as in TSC) masking colonies. Neither its reversion to cream when the medium loses its anaerobiosis (as happens in TSC), cause false negatives



Pseudocult P/A Broth converted to MPN count in 100-250 mL drinking or bath water: *Pseudomonas aeruginosa* positive wells are distinctly pink, not just fluorescent



Rapid Pseudomonas Agar (CN ISO 16266 with chromogen) for confirmative detection and enumeration of *P. aeruginosa* in just 18h: red colonies with subsequent fluorescence



X-Staph Agar for detection and enumeration of *Staphylococcus aureus* (tiny dark blue or purple colonies) versus other Staphylococci (small blue-green or turquoise blue colonies) or *Bacillus spp.* (huge colonies, light blue)