

## Colichrom-NPS

Order No. 1035

Selective culture medium for the rapid quantitative detection of *E. coli* and coliform bacteria by optical differentiation of colonies within 24 hours.

*E. coli* form **blue**, and coliform bacteria **red** colonies.

Colonies of possibly accompanying Gram-negative bacteria are colorless and will not be evaluated. Growth of Gram-positive bacteria will be inhibited reliably.

Colichrom NPS is an optimal nutrition medium that makes it possible to detect *E. coli* and coliforms with high selectivity simultaneously. Using the micro-colony method detectable colonies can be distinguished already after 10–12 hours since the colonies both are colored right from their start of growth. In routine monitoring further diagnostic tests are not required.

Detailed operating instructions are available.

### Additional features:

A well-balanced formulation together with the known advantages of the NP method allows for development of even sublethally damaged organisms.

Growth of unwanted accompanying microorganisms is largely inhibited.

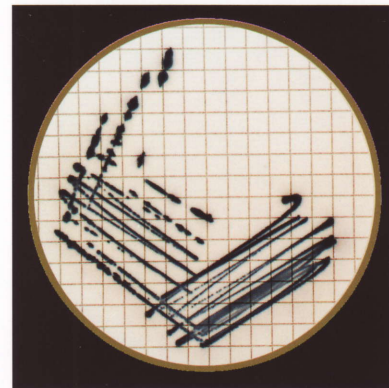
An unmistakable differentiation of microorganisms by color is ensured using organismspecific enzyme effects on two chromogenic substances (Salmon GAL and X-Glucoronid).

The color intensity of different active *E. coli* strains varies from dark blue to green blue thus also facilitating an optical differentiation in this case.

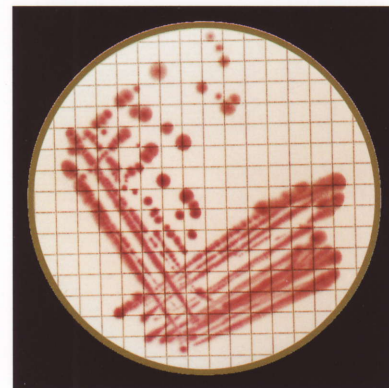
The dilution streaking method may be used comparable to an agar culture medium, e.g., for further differentiation after material/organism enrichment according to TVO.

In contrast to other selective media an evaluation of even high densities of organisms is possible since no color diffusion occurs and therefore small and sharply zoned colonies are formed.

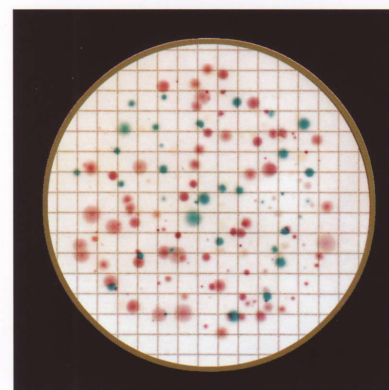
Please contact us if you have further questions or require references, samples etc.



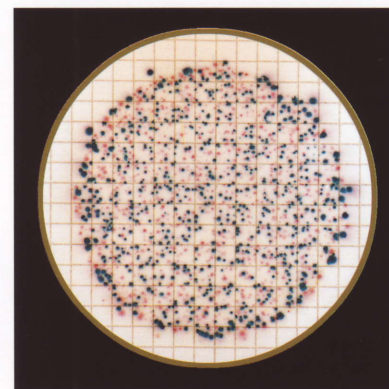
*E. coli* smear culture  
(blue)



*Enterobacter aerogenes* smear culture  
(red)



*E. coli* and coliforms; mixed culture from river water



*E. coli* and coliforms; high density mixed culture from waste water