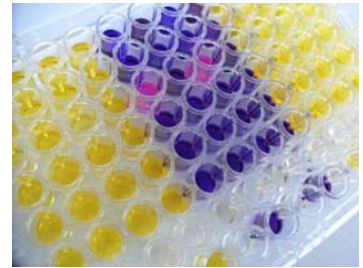


# MICROTEST-E

Manual identification system to detect  
Enterobacteriaceae and other gram negative bacteria



- ✓ Identification by 17 biochemical reactions (chromogene substrates, decarboxylases, classical reactions and fermentations)
- ✓ Results after 18- 24 hours of incubation
- ✓ 57 different taxa included in the data base
- ✓ Standardized procedure
- ✓ MICROTTEST-E plates are stable for 24 months, stored at 15 - 25 °C
- ✓ One package contains 100 x 6 Tests, and perforated plate sealers

## TAXALIST:

- |                                    |   |                                       |
|------------------------------------|---|---------------------------------------|
| ▪ <i>Acinetobacter species</i>     | ▪ <i>Klebsiella pneumoniae sp. ozeanae</i>          | ▪ <i>Rahnella aquatilis</i>           |
| ▪ <i>Aeromonas hydrophila</i>      | ▪ <i>Klebsiella pneumoniae sp. pneumoniae</i>       | ▪ <i>Salmonella arizonae</i>          |
| ▪ <i>Cedecea davisae</i>           | ▪ <i>Klebsiella species</i>                         | ▪ <i>Salmonella gallinarum</i>        |
| ▪ <i>Cedecea lapagei</i>           | ▪ <i>Klebsiella pneumoniae sp. rhinoscleromatis</i> | ▪ <i>Salmonella paratyphi A</i>       |
| ▪ <i>Citrobacter amalonaticus</i>  | ▪ <i>Kluyvera ascorbata</i>                         | ▪ <i>Salmonella species</i>           |
| ▪ <i>Citrobacter freundii</i>      | ▪ <i>Kluyvera cryocrescens</i>                      | ▪ <i>Salmonella typhi</i>             |
| ▪ <i>Citrobacter koseri</i>        | ▪ <i>Leclercia adecarboxylata</i>                   | ▪ <i>Serratia liquefaciens</i>        |
| ▪ <i>Edwardsiella hoshinae</i>     | ▪ <i>Moellerella wisconsensis</i>                   | ▪ <i>Serratia marcescens</i>          |
| ▪ <i>Edwardsiella tarda</i>        | ▪ <i>Morganella morganii</i>                        | ▪ <i>Serratia odorifera</i>           |
| ▪ <i>Enterobacter aerogenes</i>    | ▪ <i>Pantoea agglomerans</i>                        | ▪ <i>Serratia rubidaea</i>            |
| ▪ <i>Enterobacter cloacae</i>      | ▪ <i>Plesiomonas shigelloides</i>                   | ▪ <i>Shigella sonnei</i>              |
| ▪ <i>Enterobacter gergoviae</i>    | ▪ <i>Proteus mirabilis</i>                          | ▪ <i>Shigella species</i>             |
| ▪ <i>Enterobacter sakazakii</i>    | ▪ <i>Proteus penneri</i>                            | ▪ <i>Stenotrophomonas maltophilia</i> |
| ▪ <i>Enterobacter cancerogenus</i> | ▪ <i>Proteus vulgaris</i>                           | ▪ <i>Vibrio cholerae</i>              |
| ▪ <i>Escherichia coli</i>          | ▪ <i>Providencia alcalifaciens</i>                  | ▪ <i>Vibrio parahaemolyticus</i>      |
| ▪ <i>Escherichia fergusonii</i>    | ▪ <i>Providencia rettgeri</i>                       | ▪ <i>Yersinia enterocolitica</i>      |
| ▪ <i>Escherichia hermannii</i>     | ▪ <i>Providencia rustigianii</i>                    | ▪ <i>Yersinia frederiksenii</i>       |
| ▪ <i>Escherichia vulneris</i>      | ▪ <i>Providencia stuartii</i>                       | ▪ <i>Yersinia intermedia</i>          |
| ▪ <i>Ewingella americana</i>       |   |                                       |
| ▪ <i>Hafnia alvei</i>              |   |                                       |
| ▪ <i>Klebsiella oxytoca</i>        |   |                                       |

# MICROTEST-E short instruction



Only for *in vitro* diagnostic

## preparation of the samples

gram-negative, oxidase-negative bacteria  
from MacConkey or blood agar

## preparation of the inoculum

McFarland 0.5 in 5 ml NaCl

## inoculation

100  $\mu$  in each well of the test

cover the row H with one indole reagent strip

## sealing and incubation

"MICROTEST-E" plate sealer

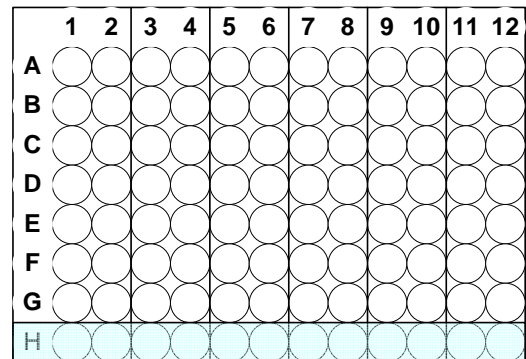
incubation 18-24 h at 35-37 °C

## reading

reading the indole reagent strip

visual reading the test plate and mark  
positive reactions on the evaluation sheet

**MICROTEST-E**  
6 tests/ plate



**Indole reagent strip**

Manufacturer:  
MERLIN Diagnostika GmbH



Distribution:  
Genzyme Virotech GmbH

