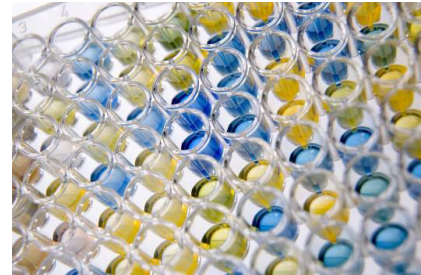


MICRONAUT-GNE

System for identification of Enterobacteriaceae and other GramNegative Bacteria

- ▼ Identification via 24 biochemical reactions (chromogene substrate, decarboxylases, classical reactions and fermentations)
- ▼ Result after 18-24 hours, **without** adding reagents
- ▼ 65 different taxa included in the database
- ▼ Standardized procedure
- ▼ Optimized software-controlled reading and interpretation
- ▼ MICRONAUT-GNE plates stored at 15-25 °C have a shelf life of 24 months from date of production
- ▼ One package contains 100 x 4 tests inclusive perforated plate sealers



Taxa list

1. <i>Acinetobacter baumannii</i> -Gruppe	14. <i>Escherichia fergusonii</i>	36. <i>Providencia stuartii</i>
2. <i>Aeromonas hydrophilia</i>	15. <i>Escherichia hermanii</i>	37. <i>Rahnella aquatilis</i>
3. <i>Cedecea davisae</i>	16. <i>Escherichia vulneris</i>	38. <i>Raoultella ornithinolytica</i>
4. <i>Citrobacter amalonaticus</i>	17. <i>Ewingella americana</i>	39. <i>Raoultella planticola</i>
5. <i>Citrobacter freundii</i> Komplex A	18. <i>Hafnia alvei</i>	40. <i>Raoultella terrigena</i>
- a. <i>Citrobacter braaki</i>	19. <i>Klebsiella oxytoca</i>	41. <i>Salmonella species</i>
- b. <i>Citrobacter freundii</i>	20. <i>Klebsiella pneumoniae s. ozaenae</i>	42. <i>Serratia marcescens</i>
- c. <i>Citrobacter gillenii</i>	21. <i>Klebsiella pneumoniae s. pneumoniae</i>	43. <i>Serratia odorifera</i>
- d. <i>Citrobacter youngae</i>	22. <i>Klebsiella pneumoniae s. rhinoscleromatis</i>	44. <i>Serratia ficaria</i>
- e. <i>Citrobacter sedlakii</i>	23. <i>Kluyvera ascorbata</i>	45. <i>Serratia liquefaciens</i>
- f. <i>Citrobacter werkmanii</i>	24. <i>Kluyvera cryocrescens</i>	46. <i>Serratia plymuthica</i>
6. <i>Citrobacter koseri</i>	25. <i>Leclercia adecarboxylata</i>	47. <i>Serratia rubidaea</i>
7. <i>Cronobacter sakazakii</i>	26. <i>Moellerella wisconsensis</i>	48. <i>Shigella flexneri</i>
8. <i>Edwardsiella hoshinae</i>	27. <i>Morganella morgani</i>	49. <i>Shigella sonnei</i>
9. <i>Edwardsiella tarda</i>	28. <i>Pantoea agglomerans</i>	50. <i>Yersinia enterocolitica (Biotyp 1A-apathogen)</i>
10. <i>Enterobacter aerogenes</i>	29. <i>Plesiomonas shigelloides</i>	51. <i>Yersinia enterocolitica (pathogen)</i>
11. <i>Enterobacter cloacae</i> Komplex	30. <i>Proteus mirabilis</i>	52. <i>Yersinia frederiksenii</i>
- a. <i>Enterobacter asburiae</i>	31. <i>Proteus penneri</i>	53. <i>Yersinia intermedia</i>
- b. <i>Enterobacter cloacae</i>	32. <i>Proteus vulgaris</i>	54. <i>Yersinia kristensenii</i>
12. <i>Enterobacter gergoviae</i>	33. <i>Providencia alcalifaciens</i>	55. <i>Yersinia pseudotuberculosis</i>
13. <i>Escherichia coli</i>	34. <i>Providencia rettgeri</i>	56. <i>Yersinia ruckeri</i>
	35. <i>Providencia rustigianii</i>	

MICRONAUT-GNE short instruction

preparation of the samples

MCN Software enter „G“

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

preparation of the inoculum

McFarland 0.5 in 5 ml NaCl

inoculation

transfer suspension into a
4 channel reservoir

100 µl in each well of the test

add two drops of paraffin oil

sealing and incubation

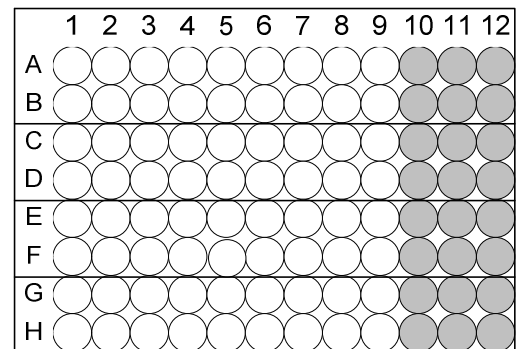
„MICRONAUT“ plate sealer (perforated)

incubation 18-24 h at 35-37°C

reading

reading with the photometer

MICRONAUT-GNE 4 test/ plate



● paraffin oil
A-H, wells 10, 11 and 12