

MICRONAUT-NF

System for identification of non fermenting Gram-Negative and some Glucose fermenting Bacteria

- ▼ Identification via 27 biochemical reactions (decarboxylases, fermentation, assimilations, glucosidases / esterases, classical reactions)
- ▼ Result after 24 hours of incubation
- ▼ 62 different Taxa included in the database
- ▼ Standardized procedure
- ▼ Optimized, software-controlled reading and interpretation
- ▼ MICRONAUT-NF plates, stored at 15-25 °C, have a shelf life of 24 months from date of production
- ▼ One package contains 40 x 3 tests inclusive perforated plate sealers



Taxa list

1. <i>Acinetobacter lwoffii</i>	21. <i>Delftia acidovorans</i>	41. <i>Pseudomonas mendocina</i>
2. <i>Acinetobacter species</i>	22. <i>Empedobacter brevis</i>	42. <i>Pseudomonas oryzae</i>
3. <i>Actinobacillus ureae</i>	23. <i>Flavobacterium II - h</i>	43. <i>Pseudomonas pseudoalcaligenes</i>
4. <i>Achromobacter denitrificans</i>	24. <i>Moraxella atlantae</i>	44. <i>Pseudomonas putida</i>
5. <i>Achromobacter xylosoxidans</i>	25. <i>Moraxella nonliquefaciens</i>	45. <i>Pseudomonas stutzeri</i>
6. <i>Aeromonas hydrophila</i>	26. <i>Moraxella osloensis</i>	46. <i>Psychrobacter phenylpyruvicus</i>
7. <i>Alcaligenes faecalis</i> subsp. <i>faecalis</i>	27. <i>Myroides odoratus</i>	47. <i>Rhizobium radiobacter</i>
8. <i>Bergeyella zoohelcum</i>	28. <i>Ochrobactrum anthropi</i>	48. <i>Ralstonia pickettii</i>
9. <i>Bordetella bronchiseptica</i>	29. <i>Oligella ureolytica</i>	49. <i>Shewanella putrefaciens</i>
10. <i>Brevundimonas diminuta</i>	30. <i>Oligella urethralis</i>	50. <i>Sphingobacterium multivorum</i>
11. <i>Brevundimonas vesicularis</i>	31. <i>Pasteurella aerogenes</i>	51. <i>Sphingobacterium spiritivorum</i>
12. <i>Burkholderia cepacia</i>	32. <i>Mannheimia haemolytica</i>	52. <i>Sphingobacterium thalpophilum</i>
13. <i>Burkholderia pseudomallei</i>	33. <i>Mannheimia haemolytica T</i>	53. <i>Sphingomonas paucimobilis</i>
14. <i>CDC IVc - 2</i>	34. <i>Pasteurella multocida</i>	54. <i>Stenotrophomonas maltophilia</i>
15. <i>CDC IIc</i>	35. <i>Pasteurella pneumotropica</i>	55. <i>Vibrio alginolyticus</i>
16. <i>CDC IIb</i>	36. <i>Plesiomonas shigelloides</i>	56. <i>Vibrio cholerae</i>
17. <i>Chromobacterium violaceum</i>	37. <i>Pseudomonas aeruginosa</i>	57. <i>Vibrio fluvialis</i>
18. <i>Chryseobacterium indologenes</i>	38. <i>Pseudomonas alcaligenes</i>	58. <i>Vibrio furnissii</i>
19. <i>Chryseobacterium meningosepticum</i>	39. <i>Pseudomonas fluorescens</i>	59. <i>Vibrio metschnikovii</i>
20. <i>Comamonas testosteroni</i>	40. <i>Pseudomonas luteola</i>	60. <i>Vibrio mimicus</i>
		61. <i>Vibrio parahaemolyticus</i>
		62. <i>Vibrio vulnificus</i>

MICRONAUT-NF short instruction

preparation of the samples

MCN Software enter „N“

gram-negative, oxidase-positive bacteria
from blood agar

preparation of the inoculum

McFarland 0.5 in 5 ml NaCl and
1 ml in 6 ml MICRONAUT-NF Susmed

inoculation

transfer suspension into a
2 channel reservoir

100 µl in each well of the test

add two drops of paraffin oil

sealing and incubation

„MICRONAUT“ plate sealer

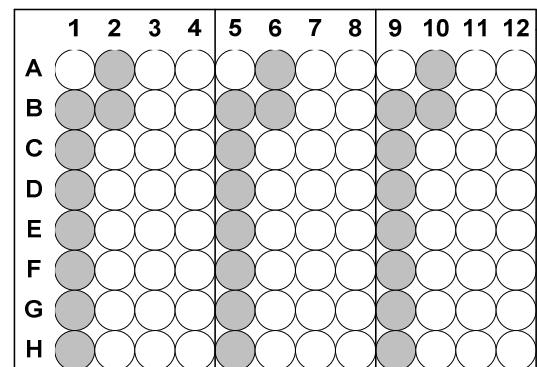
incubation 24 h at 28-30°C

reading

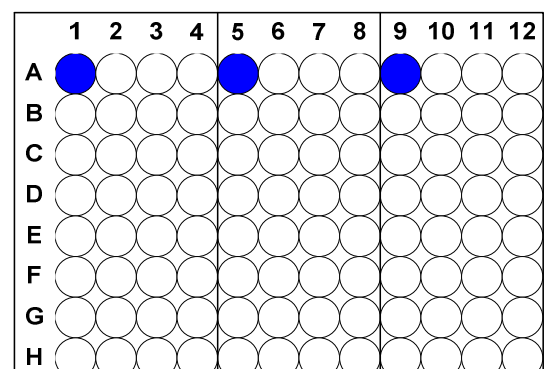
add two drops of indole reagent

wait approx. 3 minutes before reading

MICRONAUT-NF
3 test/ plate



● Paraffin oil
B-H1 + A-B2, B-H5 + A-B6,
B-H9 + A-B10



● Indol reagent
A1, A5, A9