

Mast Rings

A18715 Pack of 10

A18727 Pack of 50

| | | | |
|----|-----------------|---------|------------|
| C | Chloramphenicol | 25 µg | Green |
| E | Erythromycin | 5 µg | Red |
| FC | Fusidic acid | 10 µg | Dark Green |
| OX | Oxacillin | 10 µg | White |
| NO | Novobiocin | 5 µg | Lilac |
| PG | Penicillin G | 1 unit* | Pink |
| S | Streptomycin | 10 µg | White |
| T | Tetracycline | 25 µg | Brown |

**1 unit = 0.6 µg*

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| | E.coli <i>G -ve rods</i> Nutrient (30°C) | Micrococcus luteus <i>(Yellow colonies)</i> <i>G +ve cocci</i> Nutrient (30°C) | Staphylococcus albus <i>G +ve cocci</i> Nutrient (30°C) | Bacillus subtilis <i>G +ve rods</i> Nutrient (30°C) |
|---------------------------|--|---|---|---|
| Chlorophenicol (C) | + | + | + | + |
| Erythromycin (E) | - | + | + | + |
| Fusidic acid (FC) | - | + | + | + |
| Oxacillin (OX) | - | + | + Large zone formed | + Large zone formed |
| Novobiocin (NO) | - | Partial | Partial | Partial |
| Penicillin G (PG) | - | + | + | Partial |
| Streptomycin (S) | + | Partial | + | Partial |
| Tetracycline (T) | + | + | + | + |

+

Growth of bacteria inhibited by antibiotic.

Bacteria is susceptible to the effect of the antibiotic and will not grow surrounding the disc, so that a clear exclusion zone is formed.

Large Zone

Indicates that bacteria is very susceptible to the effect of the antibiotic.

Partial

Bacterial growth is susceptible to the effect of the antibiotic but growth is not totally inhibited.

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No effect on bacterial growth by antibiotic.

Bacteria is resistant to the effect of the antibiotic and growth can be seen surrounding the disc with **no** exclusion zone.