

MICROBIOLOGY:

Antimicrobial Disc Comparison Table

There are now antimicrobial testing discs in multiple concentrations and new antibiotic discs available. These are sold in packs of 50 discs. Ejectors (sold separately) are available to assist with dispensing the disks (see product code E1.60).

Product Code	Antibiotic	Concentration
E1.50	Chloramphenicol	30 µg / disc
E1.51	Erythromycin	15 µg / disc
E1.53	Penicillin G	0.5 unit / disc *
E1.54	Sulphafurazole	300 µg / disc
E1.55	Tetracycline	30 µg / disc
E1.56	Streptomycin	10 µg / disc
E1.57	Ampicillin	10 µg / disc
E1.58	Penicillin G	1.0 unit / disc *
E1.70	Blank Discs	N/A

Antimicrobial Mastring Comparison Table

Product codes E1.10, E 1.20 and E1.30 contain packs of 10, 50 and 100 respectively of individual Mastrings. Each Mastring has 6 different discs of antibiotics per ring. See below.

Colour	Code on ring	Antibiotic	Concentration
Grey	AP	Ampicillin	10 µg / disc
Green	C	Chloramphenicol	25 µg / disc
Pink	PG	Penicillin G	1 unit / disc *
White	S	Streptomycin	10 µg / disc
Mauve	ST	Sulphatriad	200 µg / disc
Brown	T	Tetracycline	25 µg / disc

Antibiotic Powder

Used in serial dilutions to show antibiotic effects at different concentrations.

Product Code	Antibiotic	Concentration
E1.80	Ampicillin Powder	30 mg

* An international unit of penicillin is equivalent to 0.606 micrograms of the crystalline compound.