



Antibiotic discs

- 6 mm paper discs impregnated with appropriate antibiotic concentration
- discs signed with antibiotic symbol
- shelf life: 12 – 24 months
- storage: $-20 \pm 8^{\circ}\text{C}$
- max number of discs applied on 90 mm Petri dish – 6, on 150 mm Petri dish– 12
- incubation at temp. $35 \pm 1^{\circ}\text{C}$ for 18 ± 2 h from 15 minutes starting on disc application on the Petri dish



Discs are packed into tight, humidity proof packagings as:

- blister 1 x 50 discs
- carton box 5 x 50 discs – 5 blisters per carton box
- Tubus 5 x 50 discs – 5 vials per tubus

Blisters and tubuses have the humidity absorbers inside, which provide correct stability of antibiotic discs.



For our antibiotic discs, there is a table prepared, including target values and permissible values range of inhibition zones for reference strains, based on **EUCAST v. 9.0, dated 01.01.2019.**

Part of the table is shown below:

Antimicrobial agent	Disc symbol	Disc content	<i>Escherichia coli</i> ATCC 25922		<i>Pseudomonas aeruginosa</i> ATCC 27853		<i>Staphylococcus aureus</i> ATCC 29213	
			Inhibition zone		Inhibition zone		Inhibition zone	
			Target ¹	Range ²	Target ¹	Range ²	Target ¹	Range ²
Amikacin	AK 30	30	22-23	19-26	22	18-26	21	18-24

Discs dispenser

6-position discs dispenser for placing 6 antibiotic discs on 90 mm Petri dishes, providing appropriate distance between the discs



Antibiotic paper discs

Description	Cat.No	Package size
Amikacin 10	E110123	1 x 50 discs
Amikacin 30	E110124	1 x 50 discs
Amoxycillin 10	E110135	1 x 50 discs
Amoxycillin 25	E110132	1 x 50 discs
Amoxycillin/Clavulan acid 2/1	E110117	1 x 50 discs
Amoxycillin/Clavulan acid 20/10	E110116	1 x 50 discs
Ampicillin 10	E110122	1 x 50 discs
Ampicillin 2	E110129	1 x 50 discs
Ampicillin 25	E110125	1 x 50 discs
Ampicillin/Sulbactam 10/10	E110127	1 x 50 discs
Ampicillin/Sulbactam 20/10	E110128	1 x 50 discs
Azithromycin 15	E110145	1 x 50 discs
Aztreonam 30	E110146	1 x 50 discs
Bacitracin 10	E110312	1 x 50 discs
Benzylpenicillin 1	E111606	1 x 50 discs
Carbenicillin 100	E113017	1 x 50 discs
Cefaclor 30	E113049	1 x 50 discs
Cefadroxil 30	E113057	1 x 50 discs
Cefamandole 30	E113030	1 x 50 discs
Cefepim 30	E113002	1 x 50 discs
Cefepim/Clavulan Acid 30/10	E113125	1 x 50 discs
Cefixime 5	E113058	1 x 50 discs
Cefoperazone 30	E113055	1 x 50 discs
Cefoperazone 75	E113074	1 x 50 discs
Cefoperazone/Sulbactam 3:1	E115727	1 x 50 discs
Cefotaxime 30	E113018	1 x 50 discs
Cefotaxime 5	E113064	1 x 50 discs

Description	Cat.No	Package size
Cephadrine 30	E113066	1 x 50 discs
Chinopristina/Dalfopristina	E110104	1 x 50 discs
Chloramphenicol 30	E113016	1 x 50 discs
Ciprofloxacin 5	E113142	1 x 50 discs
Clarithromycin 15	E113060	1 x 50 discs
Clindamycin 2	E113022	1 x 50 discs
Cloxacilin 5	E113032	1 x 50 discs
Colistin sulphate 10	E113114	1 x 50 discs
Colistin sulphate 25	E113113	1 x 50 discs
Colistin sulphate 50	E115667	1 x 50 discs
Cotrimoxazole 23,75/1,25	E113122	1 x 50 discs
Doxycycline 30	E111412	1 x 50 discs
Ertapenem 10	E110502	1 x 50 discs
Erythromycin 15	E110515	1 x 50 discs
Fosfomycin 50	E115183	1 x 50 discs
Furazolidon 100	E115122	1 x 50 discs
Furazolidon 50	E115023	1 x 50 discs
Fusidic Acid 10	E110617	1 x 50 discs
Gentamicin 10	E110712	1 x 50 discs
Gentamicin 120	E110718	1 x 50 discs
Gentamicin 30	E115072	1 x 50 discs
Imipenem 10	E110913	1 x 50 discs
Kanamycin 30	E111112	1 x 50 discs
Levofloxacin 5	E110106	1 x 50 discs
Lincomycin 15	E115028	1 x 50 discs
Lincomycin 2	E111212	1 x 50 discs
Linezolid 10	E111246	1 x 50 discs

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Cefotaxime/Clavulan Acid 30/10	E113092	1 x 50 discs
Cefoxitin 30	E113133	1 x 50 discs
Ceftazidime 10	E115629	1 x 50 discs
Ceftazidime 30	E113013	1 x 50 discs
Ceftazidime/Clavulan Acid 30/10	E113098	1 x 50 discs
Ceftibuten 30	E113072	1 x 50 discs
Ceftriaxone 30	E113056	1 x 50 discs
Cefuroxime 30	E113050	1 x 50 discs
Cephalexin 30	E113132	1 x 50 discs
Cephalothin 30	E113012	1 x 50 discs
Cephazolin 30	E113054	1 x 50 discs
Nitrofurantoin 300	E111432	1 x 50 discs
Norfloxacin 10	E111433	1 x 50 discs
Novobiocin 30	E111465	1 x 50 discs
Novobiocin 5	E111463	1 x 50 discs
Ofloxacin 5	E111516	1 x 50 discs
Oxacillin 1	E111515	1 x 50 discs
Oxacillin 5	E111532	1 x 50 discs
Oxytetracyclin 30	E111522	1 x 50 discs
Pefloxacin 5	E111634	1 x 50 discs
Penicillin G 1 units	E111606	1 x 50 discs
Penicillin G 10 units	E111614	1 x 50 discs
Phenoxymethylpenicillin 10	E191712	1 x 50 discs
Piperacillin 100	E111616	1 x 50 discs
Piperacillin 30	E111618	1 x 50 discs
Piperacillin/Tazobactam 100/10	E110103	1 x 50 discs
Piperacillin/Tazobactam 75/10	E112036	1 x 50 discs
Piperacillin/Tazobactam 30/6	E191612	1 x 50 discs
Polymyxin B 300 units	E111632	1 x 50 discs
Rifampicin 5	E111816	1 x 50 discs

Linezolid 30	E110107	1 x 50 discs
Meropenem 10	E111352	1 x 50 discs
Metronidazole 5	E111328	1 x 50 discs
Moxifloxacin 5	E111364	1 x 50 discs
Mupirocin 5	E111330	1 x 50 discs
Nalidixic Acid 30	E111426	1 x 50 discs
Neomycin 10	E111436	1 x 50 discs
Neomycin 30	E111429	1 x 50 discs
Netilmicin 10	E111438	1 x 50 discs
Netilmicin 30	E111434	1 x 50 discs
Nitrofurantoin 100	E115034	1 x 50 discs
Spectinomycin 100	E111922	1 x 50 discs
Spiramycin 100	E110113	1 x 50 discs
Streptomycin 10	E111925	1 x 50 discs
Streptomycin 25	E111926	1 x 50 discs
Streptomycin 300	E111946	1 x 50 discs
Sulphamethoxazole/Trimeth. 23,75/1,25 s.Cotrimoxazol	E113122	1 x 50 discs
Teicoplanin 30	E112022	1 x 50 discs
Telithromycin 15	E112054	1 x 50 discs
Tetracycline 30	E112010	1 x 50 discs
Ticarcillin 75	E112031	1 x 50 discs
Ticarcillin/Cavulan Acid 75/10	E112033	1 x 50 discs
Tigecycline 15	E112056	1 x 50 discs
Tobramycin 10	E112020	1 x 50 discs
Trimethoprim 1,25	E112042	1 x 50 discs
Trimethoprim 5	E112026	1 x 50 discs
Vancomycin 30	E112023	1 x 50 discs
Vancomycin 5	E112028	1 x 50 discs
Voriconazole 1	E100634	1 x 50 discs

Antifungal and veterinary agents

Description	Cat.No	Package size
Amphotericin B 20	E110191	1 x 50 discs
Clotrimazol 10	E110391	1 x 50 discs
Econazol 10	E190512	1 x 50 discs
Fluconazol 10	E190622	1 x 50 discs
Fluconazol 25	E190632	1 x 50 discs
Ketoconazol 10	E191112	1 x 50 discs
Miconazol 10	E191312	1 x 50 discs
Nystatin 100 units	E191422	1 x 50 discs

Description	Cat.No	Package size
Cefacetril 30	E191816	1 x 50 discs
Cefquinome 30	E115729	1 x 50 discs
Enrofloxacin 5	E110510	1 x 50 discs
Florfenicol 30	E110619	1 x 50 discs
Flumequina 30	E115666	1 x 50 discs
Marbofloxacin 5	E100635	1 x 50 discs
Tylosin 30	E112015	1 x 50 discs

Equipment

Description	Cat.No	Package size
Discs Dispenser, 6 cartridges	EM0006	1 pcs

Description	Cat.No	Package size
Bacitracin 0,1	E171011	1 x 50 discs
Bacitracin 0,04 for Streptococci Group A identification	E171010	1 x 50 discs
BV Factor for Haemophilus spp. identification	E171042	1 x 50 discs
BVX Factor for Haemophilus spp. identification	E171052	1 x 50 discs
BX Factor for Haemophilus spp. identification	E171032	1 x 50 discs
Furazolidon 50 for differentiation Staphylococcus and Micrococcus	E115023	1 x 50 discs
Blanc discs	E110100	1 x 50 discs
Metronidazole 50 µg for G. vaginalis identification	E171061	1 x 50 discs
Novobiocin 5 for Staphylococcus saprophyticus identification	E111463	1 x 50 discs
Oxidase strips	10003324	1 x 50 strips
Optochin 5 µg for S. pneumoniae identification	E171021	1 x 50 discs
Trimethoprim 5 for G. vaginalis identification	E112026	1 x 50 discs
V + X Factor for Haemophilus spp. identification	E171051	1 x 50 discs
V Factor for Haemophilus spp. identification	E171041	1 x 50 discs
X Factor for Haemophilus spp. identification	E171031	1 x 50 discs

Lublin, 10.2019