

Zone of inhibitions for various antibiotics – Kirby Bauer Disk Diffusion

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ANTIBIOTIC/ CONTENT (µg)	RESISTANT (in mm)	INTERMEDIATE (in mm)	SENSITIVE (in mm)
AMIKACIN (Ak) 10,30	14	15-16	17
AMOXYCILLIN (Am) 30			
Hemophilus, Staphylococci	19	-	20
Other	13	14-17	18
AMOXYCLAV (Ac) 30,10,25			
Hemophilus, Staphylococci	19	20	-
Other	13	14-17	18
AMPICILLIN (A) 10,25			
Gram -ve enteric organism	13	14-16	17
Staphylococci	28	-	29
Hemophilus	18	19-21	22
Streptococci	18	19-25	26
Enterococci	16	-	17
AMPICILLIN-SULBACTAM (As) 10			
GN Enteric bacilli, Staphylococci	11	12-14	15
Hemophilus	19	-	20
AZITHROMYCIN (At) 15			
Hemophilus	-	-	12
Other	13	14-17	18
AZLOCILLIN (Az) 30,75	17	-	18
AZTREONAM (Ao) 30			
GN Enterics, Pseudomonas	15	16-21	22
Hemophilus	-	-	26
BACITRACIN (B) 10,8,2,1 Units	8	9-12	13

CARBENICILLIN (Cb) 100			
Gram negative bacilli	19	20-22	23
Pseudomonas	13	14-16	17
CEFACTOR (Cj) 30			
Streptococci	22	23-25	26
Hemophilus, others	14	15-17	18
CEFAMANDOLE (Cef) 30	14	15-17	18
CEFAZOLIN (Cz) 30	14	15-17	18
CIFIXIME (Cfx) 5			
GN Enteric bacilli	15	16-18	19
Hemophilus	-	-	21
Pneumococci	-	-	-
CEFOPERAZONE (Cs) 75	15	16-20	21
CEFOPERAZONE-SULBACTAM(Cfs)	15	16-20	21
CEFPROZIL (Cfz) 30			
GN Enteric bacilli, Staphylococci	14	15-17	18
Pneumococci	-	-	-
CEFTAZIDIME (Ca) 30,10			
Hemophilus	-	-	26
Others	14	15-17	18
CEFTIZOXIME (Ck) 30			
Streptococci, others	14	15-19	20
Neisseria	-	-	38
Hemophilus	-	-	26
CEFTRIAZONE (Ci) 30,10			
Hemophilus	-	-	26
Other Streptococci	24	25-26	27
Neisseria	-	-	35
Other	13	14-20	21
CEFUROXIME (Cu) 30			
Neisseria	25	26-30	31
Hemophilus	16	17-19	20
Other	14	15-17	18
CEPHADROXIL (Cq) 30	14	15-17	18
CEPHALEXIN (Cp) 30			
CEFALORIDINE (Cr) 5,10,30	14	15-17	18
CEPHALOTHIN (Ch) 30	14	15-17	18
CEPHOTAXIME (Ce) 30,10			
Hemophilus	-	-	26
Other Streptococci	25	26-27	28

Neisseria	-	-	31
Other	14	15-22	23
CEFOXITIN (Cn) 30			
Neisseria	23	24-27	28
Other	14	15-17	18
CHLORAMPHENICOL (C) 10,25,50			
Hemophilus	25	26-28	29
Streptococci	20	-	21
Other	12	13-17	18
CHLORTETRACYCLINE (Ct) 30	14	15-18	19
CIPROFLOXACIN (Cf) 5,10,30			
Hemophilus	-	-	21
Neisseria	27	28-35	36
Other	15	16-20	21
CLARITHROMYCIN (Cw) 15			
Streptococci	16	17-20	21
Staphylococci	13	14-17	18
Hemophilus	10	11-12	13
CLINDAMYCIN (Cd) 2,10			
Staphylococci	14	15-20	21
Streptococci	15	16-18	19
CLOXACILLIN (Cx) 5,10,30	19	-	20
COLISTIN (Cl) 10,25,50	8	9-10	11
CO-TRIMOXAZOLE (Co) 25			
Streptococci	15	16-18	19
Other	10	11-15	16
DEMECLOCYCLINE (D) 30	14	15-18	19
DICLOXACILLIN (Dc) 1	10	-	13
DOXYCYCLINE (Do) 10,30	12	13-15	16
ERYTHROMYCIN (E) 5,10,15			
Staphylococci	13	14-22	23
Streptococci	15	16-20	21
FURAZOLIDONE (Fr) 50			
GENTAMICIN (G) 10,30,50	12	13-14	15
IMIPENEM (I) 10			
Hemophilus	-	-	16
Other	13	14-15	16
KANAMYCIN (K) 1,30	13	14-17	18

LINCOMYCIN (L) 2,10,15	9	10-14	15
LOMEFLOXACIN (Lo) 30			
Hemophilus	-	-	22
Neisseria	-	-	36
Other	18	19-21	22
METHICILLIN (M) 5,10,30	9	10-13	14
MINOCYCLINE (Mi) 30	14	15-18	19
MOXALACTAM			
NALIDIXIC ACID (Na) 30	13	14-18	19
NEOMYCIN (N) 10,30	12	13-16	17
NETILMICIN (Nt) 10,30	12	13-14	15
NITROFURANTOIN (Nf) 100-300	14	15-16	17
NORFLOXACIN (Nx) 5,10	12	13-16	17
NOVOBIOICIN (Nv) 5,30	17	18-21	22
OFLOXACIN (Of) 2,5			
Hemophilus	-	-	16
Streptococci	12	13-15	16
Neisseria	24	25-30	31
Other	12	13-15	16
OLEANDOMYCIN (OI) 15	11	12-16	17
OXACILLIN (Ox) 1			
Staphylococci	10	11-12	13
Pneumococci	19	-	20
Streptococci	-	-	20
OXYTETRACYCLINE (O) 30	14	15-18	19
PEFLOXACIN (Pf) 5			
PENICILLIN-G (P) 0.5-10 UNITS			
Staphylococci	28	-	29
Enterococci	14	-	15
Other Streptococci	19	20-27	28
Neisseria	26	27-46	47
PIPERACILLIN (Pc) 30-100			
Pseudomonas	17	-	18
Gram negative bacilli	17	18-20	21
POLYMYXIN-B (Pb) 10-300 UNIT	8	9-11	12
PRISTINOMYCIN (Pm) 15			
RIFAMPICIN (R) 2,15,30			
Streptococci	16	17-18	19
Other	16	17-19	20

ROXITHROMYCIN (Ro)			
SISOMYCIN (Ss)			
SPARFLOXACIN (Sc) 5			
Staph,Strepto, Enteric	15	16-18	19
Neisseria,Hemophilus	-	-	-
SPECTINOMYCIN (Se) 100	14	15-17	18
STREPTOMYCIN (S) 10,25	11	12-14	15
SULPHAMETHOXAZOLE (Sx)			
SULPHASOMIDINE (So) 300	12	13-16	17
TEICOPLANIN 30	10	11-13	14
TETRACYCLINE (T) 1,2,10,30			
Hemophilus	25	26-28	29
Streptococci	18	19-22	23
Pneumococci	17	18-21	22
Neisseria	30	31-37	38
Other	14	15-18	19
TICARCILLIN (Ti) 75			
Pseudomonas	14	-	15
Gram negative bacilli	14	15-19	20
TOBRAMYCIN (Tb) 10,30	12	13-14	15
TRIMETHOPRIM (Tr) 5,10,25	10	11-15	16
TRIPLE SULPHAS (S3) 300	12	13-16	17
VANCOMYCIN (V) 5,10,30			
Enterococci	14	15-16	17
Staphylococci	-	-	15
Streptococci	-	-	17
Pneumococci	-	-	16