



Jinnah Post Graduate Medical Centre
Main lab, Microbiology Department
 Rafiqui, Sarwar Shaheed Rd, Karachi Cantonment, Karachi
 Phone # 02199201300

Antibiogram Jan - Dec 2015

% Resistance of Gram negative bacteria in Routine samples

Organisms	AMP	AMC	CRO	CPM	CAZ	TZP	SCF	IPM/ MEM	OFX	SXT	AK	CN	PB	TG	E
E.coli	75	56	64	61	NT	20	10	3	73	60	9	24	0	13	NT
Kleb pneumoniae	NT	60	67	66	NT	38	11	5	42	70	16	23	0	8	NT
Pseudo aeruginosa	NT	NT	NT	50	46	44	NT	29	46	NT	40	44	0	NT	NT
Acinetobacter sp.	NT	NT	95	95	92	50	14	33	62	67	33	49	0	70	NT
Proteus sp.	80	45	45	45	NT	22	3	1	55	80	3	10	NT	NT	NT
Enterobacter sp.	85	55	60	59	NT	18	15	2	35	71	10	15	NT	20	NT
Moraxella sp.	90	5	5	NT	NT	NT	NT	NT	50	70	NT	NT	NT	NT	33

% Resistance of Gram positive bacteria in Routine samples

Organisms	CX	P	AMP	CRO	AK	VA	OFX	FD	E	C	SXT	OT	CN	LZD	TG
Staphylococcus aureus	55	NT	NT	NT	8	0	23	14	50	4	80	25	28	0	1
Coagulase neg Staph	47	NT	NT	NT	10	0	25	10	64	10	88	35	22	0	1
Enterococcus sp.	NT	NT	52	NT	NT	4	58	NT	NT	38	NT	43	NT	0	NT
BHS group A/B/Sp.	NT	0	NT	0	NT	0	19	NT	10	17	NT	44	NT	NT	NT

% Resistance of Gram negative bacteria in Blood samples

Organisms	AMP	AMC	CRO	CFM	CAZ	CPM	TZP	SCF	IPM/ MEM	OFX	SXT	AK	CN	PB	TG	C
E.coli	75	55	59	60	NT	56	17	13	10	48	73	14	33	0	12	NT
Kleb pneumoniae	NT	63	65	68	NT	63	21	18	13	61	81	18	20	0	14	NT
Pseudo aeruginosa	NT	NT	NT	NT	43	40	20	NT	14	20	NT	21	25	0	NT	NT
Acinetobacter sp.	NT	NT	43	NT	29	40	40	5	20	45	54	27	30	0	43	NT
Salmonella sp.	55	NT	0	0	NT	NT	NT	NT	NT	40	55	NT	NT	NT	NT	55
Enterobacter sp.	82	66	66	66	NT	62	38	39	35	50	69	36	45	0	40	NT

Key	
NT	Not Tested
AMP	Ampicillin
AMC	Amoxil-clavulanate
CPM	Cefpirome
CRO	Ceftriaxone
CAZ	Ceftazidime
CFM	Cefixime
TZP	Piperacillin/Tazobactam
SCF	Cefoperazone+Salbactam
IPM/MEM	Imipenem/Meropenem
CN	Gentamicin
AK	Amikacin
OFX	Oflaxacin
SXT	Cotrimoxazole
CX	Cloxacillin
LZD	Linezolid
VA	Vancomycin
PIP	Pipemedic acid
F	Nitrofurantoin
NOR	Norfloxacin
C	Chloramphenicol
FD	Fusidic acid
OT	Oxytetracycline
E	Erythromycin
PB	Polymyxin-B
TG	Tigecyclin

% Resistance of Gram positive bacteria in Blood samples

Organisms	CX	P	AMP	CRO	AK	VA	OFX	FD	E	C	SXT	LZD	TG
Staphylococcus aureus	19	NT	NT	NT	7	0	33	25	53	51	40	0	0
Coagulase neg Staph	50	NT	NT	NT	9	0	40	33	62	54	50	0	1
Enterococcus sp.	NT	NT	75	NT	NT	5	6	NT	NT	10	NT	0	NT
Streptococcus sp.	NT	0	NT	0	NT	0	33	NT	75	22	NT	NT	NT
Strep pneumoniae	NT	0	NT	NT	NT	0	40	NT	55	NT	59	NT	NT

% Resistance of Gram negative bacteria in Urine samples

Organisms	CRO	CPM	CAZ	TZP	SCF	IPM/ MEM	OFX	SXT	AK	CN	PB	FOS	F	PIP	NOR
E.coli	52	51	NT	16	8	4	61	83	9	17	0	5	6	79	66
Kleb pneumoniae	51	35	NT	25	16	8	57	85	20	25	0	7	18	81	60
Pseudo aeruginosa	NT	54	44	29	NT	22	52	NT	20	33	0	30	45	80	55
Acinetobacter sp.	80	75	73	43	NT	39	65	82	41	52	0	14	74	97	75
Proteus sp.	45	38	NT	12	10	1	33	62	7	12	NT	2	NT	97	36
Enterobacter sp.	50	48	NT	13	12	1	50	78	6	10	0	3	30	66	66

% Resistance of Gram positive bacteria in Urine samples

Organisms	CX	P	AMP	CRO	AK	VA	OFX	SXT	LZD	TG	FOS	F	PIP	NOR
Staphylococcus aureus	47	NT	NT	NT	5	0	35	45	0	0	1	7	NT	50
Coagulase neg Staph	23	NT	NT	NT	0	0	40	45	0	0	1	14	NT	50
Enterococcus sp.	NT	NT	38	NT	NT	5	76	NT	0	NT	7	NT	92	82
Streptococcus sp.	NT	3	3	0	NT	0	19	70	NT	NT	0	1	92	22