

# Dynacare® 2023 Markham-Stouffville Antibiogram

All Specimens: % Susceptible													
Specimen Type	All												
Gram Negative Organisms	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Cefazolin	Ceftriaxone	Ceftazidime	Piperacillin/Tazobactam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin
<i>Escherichia coli (not including ESBL)</i>	1,234	60%	95%	93%	97%	97%	99%	100%	100%	92%	99%	80%	79%
<i>Escherichia coli (ESBL)</i>	176	0%	92%	0%	0%	6%	97%	100%	100%	74%	82%	50%	12%
<i>Escherichia coli (including ESBL)</i>	1,399	53%	95%	81%	85%	86%	99%	100%	100%	89%	97%	77%	71%
<i>Klebsiella pneumoniae (not including ESBL)</i>	258	R	98%	97%	98%	98%	98%	99%	100%	99%	99%	95%	96%
<i>Klebsiella pneumoniae (ESBL)</i>	26	R	78%	0%	0%	4%	95%	96%	100%	64%	76%	23%	13%
<i>Klebsiella pneumoniae (including ESBL)</i>	281	R	97%	88%	90%	90%	99%	99%	100%	96%	98%	89%	89%
<i>Enterobacter spp</i>	66	R	2%	R	82%	85%	86%	96%	98%	98%	98%	95%	98%
<i>Klebsiella aerogenes</i>	29	R	0%	R	68%	66%	77%	95%	100%	100%	100%	100%	93%
<i>Proteus mirabilis</i>	143	77%	97%	88%	95%	95%	100%	100%	99%	95%	97%	83%	83%
<i>Pseudomonas aeruginosa</i>	184		R	0%	0%	95%	98%	0%	98%	100%	100%	0%	96%
<i>Citrobacter freundii complex</i>	26	R	4%	R	65%	69%	86%	100%	96%	88%	88%	85%	84%
<i>Klebsiella oxytoca</i>	46	R	98%	70%	96%	98%	98%	100%	100%	100%	100%	98%	93%

All Specimens: # Isolates													
Specimen Type	All												
Gram Positive Organisms	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Clavacillin	Cefazolin	Clindamycin	Erythromycin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin	Tetracycline	Rifampin	Vancomycin	
<i>Staphylococcus aureus</i>	390		100%	88%	88%	See MSSA and MRSA							
<i>Staph aureus MSSA</i>	344		100%	100%	100%	80%	76%	100%	91%	97%	100%	100%	
<i>Staph aureus MRSA</i>	49			0%	0%	67%	41%	100%	50%	86%	100%	100%	
<i>Enterococcus species</i>	396	91%							86%	29%		100%	
<i>Enterococcus faecalis</i>	90	99%							93%	31%		100%	
<i>Enterococcus faecium</i>	21	5%							18%	43%		100%	

Blood Culture Specimens: % Susceptible	
Specimen Type	Blood

All Specimens: # Isolates													
Specimen Type	All												
Gram Negative Organisms	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Cefazolin	Ceftriaxone	Ceftazidime	Piperacillin/Tazobactam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin
<i>Escherichia coli (not including ESBL)</i>	1,204	1,106	1,181	1,234	1,231	1,199	1,233	1,232	1,231	1,154	1,234	1,080	
<i>Escherichia coli (ESBL)</i>	176	140	176	176	176	168	175	176	176	153	176	151	
<i>Escherichia coli (including ESBL)</i>	1,370	1,238	1,346	1,399	1,396	1,356	1,397	1,397	1,396	1,297	1,399	1,222	
<i>Klebsiella pneumoniae (not including ESBL)</i>	257	252	240	257	257	253	256	257	258	256	257	253	
<i>Klebsiella pneumoniae (ESBL)</i>	26	18	26	25	26	21	26	26	25	21	26	23	
<i>Klebsiella pneumoniae (including ESBL)</i>	281	269	264	281	281	273	280	281	281	275	281	274	
<i>Enterobacter spp</i>	2	66	66	65	66	64	57	66	66	66	66	63	
<i>Klebsiella aerogenes</i>		29	29	28	29	26	20	29	29	29	29	27	
<i>Proteus mirabilis</i>	143	132	133	143	143	142	143	143	133	140	143	142	
<i>Pseudomonas aeruginosa</i>		1	1	1	183	175	1	177	181	184	1	177	
<i>Citrobacter freundii complex</i>	1	26	26	26	26	22	24	26	26	25	26	25	
<i>Klebsiella oxytoca</i>	46	45	44	46	46	46	46	46	46	46	46	45	

All Specimens: # Isolates													
Specimen Type	All												
Gram Positive Organisms	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Clavacillin	Cefazolin	Clindamycin	Erythromycin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin	Tetracycline	Rifampin	Vancomycin	
<i>Staphylococcus aureus</i>	343	390	390	See MSSA and MRSA									
<i>Staph aureus MSSA</i>	344	344	344	344	343	343	342	336	343	343	343		
<i>Staph aureus MRSA</i>	49		49	49	49	49	49	48	49	49	49		
<i>Enterococcus species</i>	396	79				41		320	382		392		
<i>Enterococcus faecalis</i>	90	60				30		29	87		90		
<i>Enterococcus faecium</i>	21	10				8		11	21		21		

Blood Culture Specimens: # Isolates	
Specimen Type	Blood

Gram Positive Organisms	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Cloxacillin	Cefazolin	High Level Gentamicin	Vancomycin
<i>Staphylococcus aureus</i>	78		100%	96%	96%		100%
<i>Coagulase negative Staphylococcus</i>	26			42%	42%		100%
<i>Enterococcus faecalis</i>	29	100%				86%	100%

Ampicillin	Amoxicillin/Clavulanic acid	Cloxacillin	Cefazolin	High Level Gentamicin	Vancomycin
	74	78	78		77
		26	26		25
29	25			25	29

Specimen Type	Blood	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Cefazolin	Ceftriaxone	Cefazidime	Piperacillin/Tazobactam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin
<i>Escherichia coli (not including ESBL)</i>	172	60%	95%	78%	97%	97%	98%	99%	99%	94%	98%	78%	79%	
<i>Escherichia coli (ESBL)</i>	32	0%	100%	0%	0%	0%	100%	100%	100%	56%	64%	53%	7%	
<i>Escherichia coli (including ESBL)</i>	203	50%	95%	63%	82%	82%	98%	99%	99%	88%	93%	74%	68%	
<i>Klebsiella pneumoniae (not including ESBL)</i>	50	R	98%	98%	98%	98%	98%	98%	100%	98%	98%	96%	96%	
<i>Klebsiella pneumoniae (ESBL)</i>	2	R	50%	0%	0%	0%	50%	100%	100%	50%	50%	0%	0%	
<i>Klebsiella pneumoniae (including ESBL)</i>	52	R	96%	93%	94%	94%	96%	98%	100%	96%	96%	92%	94%	
<i>Enterobacter spp</i>	11	R	0%	R	80%	91%	82%	100%	100%	100%	100%	100%	100%	
<i>Klebsiella aerogenes</i>	5	R	0%	R	60%	60%	60%	80%	100%	100%	100%	100%	100%	
<i>Pseudomonas aeruginosa</i>	23		R			86%	100%		95%	100%	100%		100%	

Ampicillin	Amoxicillin/Clavulanic acid	Cefazolin	Ceftriaxone	Cefazidime	Piperacillin/Tazobactam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin
168	152	129	172	172	169	172	172	171	165	172	150
32	20	32	32	32	31	32	32	32	25	32	27
200	171	160	203	203	199	203	203	202	189	203	177
49	48	44	49	49	49	49	49	50	49	49	49
2	2	2	2	2	2	2	2	2	2	2	1
51	50	46	51	51	51	51	51	52	51	51	50
	11	11	10	11	11	10	11	11	11	11	11
	5	5	5	5	5	5	5	5	5	5	4
				22	20		22	23	23		23

Specimen Type	Urine	# of Isolates	Ampicillin	Amoxicillin/Clavulanic acid	Cefazolin	Ceftriaxone	Cefazidime	Piperacillin/Tazobactam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Nitrofurantoin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin
<i>Escherichia coli (not including ESBL)</i>	1,125	60%	95%	94%	97%	97%	99%	100%	100%	91%	99%	99%	79%	78%	
<i>Escherichia coli (ESBL)</i>	156	0%	92%	0%	0%	6%	98%	100%	100%	76%	81%	97%	51%	10%	
<i>Escherichia coli (including ESBL)</i>	1,274	53%	94%	83%	86%	86%	99%	100%	100%	89%	97%	99%	76%	70%	
<i>Klebsiella pneumoniae (not including ESBL)</i>	206	R	99%	98%	99%	99%	99%	100%	100%	100%	100%	74%	95%	96%	
<i>Klebsiella pneumoniae (ESBL)</i>		R													
<i>Klebsiella pneumoniae (including ESBL)</i>	230	R	97%	88%	88%	89%	99%	100%	100%	96%	98%	68%	87%	88%	
<i>Enterobacter spp</i>	42	R	2%	R	76%	79%	80%	91%	98%	98%	98%	83%	93%	98%	
<i>Klebsiella aerogenes</i>	23	R	0%	R	61%	57%	67%	100%	100%	100%	100%	80%	100%	95%	

Ampicillin	Amoxicillin/Clavulanic acid	Cefazolin	Ceftriaxone	Cefazidime	Piperacillin/Tazobactam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Nitrofurantoin	Trimethoprim/Sulfamethoxazole	Ciprofloxacin
1,097	1,011	1,125	1,125	1,122	1,096	1,124	1,122	1,122	1,046	1,104	1,125	986
156	126	156	156	156	148	155	156	156	138	150	156	135
1,246	1,131	1,274	1,274	1,271	1,237	1,272	1,271	1,271	1,178	1,247	1,274	1,115
206	202	206	206	206	203	206	206	206	205	102	206	204
230	219	230	230	230	223	230	230	229	224	116	230	225
2	42	42	41	42	40	35	42	42	42	30	42	40
	23	23	23	23	21	14	23	23	23	5	23	22

