



ARKANSAS CHILDREN'S HOSPITAL

Clinical Laboratory

1 Children's Way

Little Rock, AR 72202-3591

(501) 364-1100

"Every specimen a child, every test a life"

Arkansas' Only
Pediatric Medical Center

Clinical Microbiology, Virology
and
Pediatric Infectious Diseases

ANTIBIOGRAM

2021

VIRAL AND MOLECULAR DETECTION 2021

AGENT	Detection Method
	PCR
Adenoviruses	2168
Coronavirus HKU-1	8
Coronavirus NL63	401
Coronavirus 229E	141
Coronavirus OC43	613
SARS CoV-2	4067
Human Metapneumovirus	2019
Rhinovirus/Enterovirus	9728
Influenza Virus Type A	19
Influenza Virus Type B	2
Parainfluenza Virus Type 1	7
Parainfluenza Virus Type 2	449
Parainfluenza Virus Type 3	1505
Parainfluenza Virus Type 4	423
Respiratory Syncytial Virus	3665
Bordetella pertussis	0
Bordetella parapertussis	1
Chlamydia trachomatis	583
Neisseria gonorrhoeae	206
Trichomonas vaginalis	140
Herpes Simplex Virus Type 1	89
Herpes Simplex Virus Type 2	119
Cytomegalovirus	87
Clostridium difficile	114
Streptococcus pneumoniae	18
Kingella kingae	10

Arkansas Children's Hospital Selected Organisms 2021

Organism	Total strains	Ceftriaxone	Clindamycin	Linezolid	Oxacillin	Penicillin	Trimeth/Sulfa	Vancomycin	Gentamicin synerg
Enterococcus faecalis	76			100		100		100	90
Staphylococcus aureus- Outpatient	514		75	100	67		99	100	
Staphylococcus aureus- Inpatient	645		76	100	60		96	100	
Streptococcus pneumoniae: (INVASIVE NON MENINGITIS)	78	95				95			
Streptococcus pneumoniae: (MENINGITIS)	See above	86				41			
Streptococcus pneumoniae: (Oral Penicillin)	See above					83			

Organism	Total Strains	Ampicillin	Amp/sulb	Aztreonam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Ciprofloxacin	Gentamicin	Meropenem	Levofloxacin	Piper/Tazo	Tobramycin	Trimeth/Sulfa	**ESBL Total Strains
Acinetobacter baumannii/ calcoaceticus complex	38						84		82	74		89		89		
Enterobacter cloacae complex	61			77		90	77	75	90	98	98	92	79	98	87	
Escherichia coli	638	50	56	94	88	95	95	93	82	92	100	87	92	93	75	54
Klebsiella pneumoniae	102		73	88	86	88	88	87	90	96	96	92	84	96	86	13
Proteus mirabilis	33	85		100	59	97	100	97	88	94		88	100	91	91	
Pseudomonas aeruginosa	315					88	85		88	94	100	100	89	95	92	
Serratia marcescens	117			88		98	91	86		88	99	91	98	81	84	
Stenotrophomonas maltophilia	48						57					52			90	

All values represent percent susceptible.

**ESBL (Extended Spectrum Beta-Lactamase) Organisms expressing ESBL are resistant to many antibiotics and virtually all beta lactam antimicrobials. They may carry other resistance mechanisms as well.

CF Strains Organism	Total Strains	Oxacillin	Clindamycin	Trimeth/Sulfa	Tetracycline	Linezolid	Vancomycin	Rifampin
Staphylococcus aureus- Outpatient	323	69	70	99	96	100	100	99
Staphylococcus aureus- Inpatient	30	53	70	100	96	100	100	90