

# TREK Diagnostic Systems In Vitro Diagnostic Standard Formularies

Featuring D-Test, Cefoxitin Screen,  
Extended Vancomycin Ranges and Tigecycline



Code	Antimicrobial	GN1F G-	GN2F G-	GN3F G-	ESB1F ESBL	NF Non Fermenters	GNUR2F Urine Isolates	GPN2F G+	GPN3F G+	GPALL1F G+	HPB <i>Haemophilus</i> spp.	STP5F <i>Streptococcus</i> spp.
AMI	Amikacin	8-64	8-64	8-64		4-32						
AUG	Amoxicillin/Clavulanic Acid						8/4-32/16				2/1-16/8	
AMP	Ampicillin	4-32	4-32	4-32	8, 16		8-32	0.12-16	0.12-16	0.12-8	0.12-4	
A/S	Ampicillin/Sulbactam	4/2-32/16	4/2-32/16	4/2-32/16		2/1-16/8					1/0.5-2/1	
AZT	Aztreonam	4-32	8-32	4-32		2-16						
CAR	Carbenicillin					32-256	16-64					
FAC	Cefaclor										4-16	
FAZ	Cefazolin	4-32	4-32	4-32	8, 16			2-16				
FEP	Cefepime	4-32	4-32	4-32	1-16	2-16	4-32				0.12-2	0.5-8
FIX	Cefixime										0.12-1	
FOP	Cefoperazone					4-32						
FOT	Cefotaxime				0.25-64	4-32						0.12-4
F/C	Cefotaxime/Clavulanic Acid				0.12/4-64/4							
TANS	Cefotetan Na	8-32	8-32									
FOX	Cefoxitin	4-32	4-32	4-32	4-64							
FOXS	Cefoxitin Screen									6		
POD	Cefpodoxime	1-32	2-16	2-16	0.25-32							
TAZ	Ceftazidime	4-32	1-32	1-32	0.25-128	1-16						
T/C	Ceftazidime/Clavulanic Acid				0.12/4-128/4							
AXO	Ceftriaxone	4-64	1-64	1-64	1-128	4-32	8-64	8-64	8-64		0.03-2	0.12-2
FUR	Cefuroxime	4-32	4-32	4-32							0.5-8	0.5-2
CEP	Cephalothin			2-16	8, 16							
CHL	Chloramphenicol					2-16				2-16	0.5-4	1-32
CIP	Ciprofloxacin	0.5-4	0.5-4	0.5-4	1, 2	0.25-2	1-4	0.5-2	0.5-2	1-2		
CLA	Clarithromycin							1-8			0.12-16	
CLI	Clindamycin							0.5-4	0.12-2	0.5-2		0.12-1
DAP	Daptomycin								0.25-8	0.5-4		0.06-2
DT1,2	D-Test									DT1, DT2		
ERY	Erythromycin							0.25-8	0.25-4	0.25-4	0.25-0.5	0.25-2
ETP	Ertapenem			2-16								0.5-4
GAT	Gatifloxacin	1-8	1-8					1-8	1-8			
GEN	Gentamicin	2-16	2-16	2-16	4-16	1-8	4-8	2-16, 500	2-16, 500	2-16, 500		
IMI	Imipenem	2-16	2-16		0.5-16	1-8					0.5-4	
LEVO	Levofloxacin					0.12-4		0.25-8	0.25-8	0.25-4	0.03-4	0.5-16
LZD	Linezolid							0.5-8	0.5-8	1-8		0.25-4
LOM	Lomefloxacin					0.5-4						
MERO	Meropenem	1-8	1-8	1-8	1-8						0.06-2	0.25-2
MXF	Moxifloxacin									0.25-4		1-8
NIT	Nitrofurantoin	16-128	16-128				32-128			32-64		
OXA+	Oxacillin + 2% NaCl							0.25-8	0.25-8	0.25-4		
PEN	Penicillin							0.06-8	0.06-8	0.06-8	0.015-1	0.03-4
PIP	Piperacillin	16-128	16-128			8-64						
P/T	Piperacillin/Tazobactam	16/4-128/4	16/4-128/4	16/4-128/4	4/4-64/4	8/4-64/4						
SYN	Quinupristin/dalfopristin							0.12-4	0.12-4	0.5-4		
RIF	Rifampin							0.5-4	0.5-4	0.5-4		
SPA	Sparfloxacin										0.03-1	
STR	Streptomycin							1000**	1000**	1000		
FIS	Sulfisoxazole					256						
TEL	Telithromycin											0.5-4
TET	Tetracycline			0.5-16		1-8		2-16	2-16	2-16	0.25-4	1-8
TIC	Ticarillin					8-64						
TIM	Ticarillin/Clavulanic Acid	16/2-64/2	16/2-64/2	16/2-64/2		16/2-128/2						
TGC	Tigecycline			1-8						0.03-0.5		0.015-0.5
TOB	Tobramycin	2-8	4, 8	4-8		1-8						
SXT	Trimethoprim/Sulfamethoxazole	0.5/9.5-4/76	0.5/9.5-4/76	0.5/9.5-4/76		0.5/9.5-4/76	0.5/9.5-4/76	0.5/9.5-4/76	0.5/9.5-4/76	0.5/9.5-4/76	0.06/1.19-2/38	0.5/9.5-4/76
VAN	Vancomycin							1-32	1-128	0.25-32		0.5-4

\*S. aureus (MSSA) testing only.  
\*\*Enterococcus testing only.

YeastOne® YO-2 Plate		
Code	Antimicrobial	Range
FC	5-Flucytosine	0.03-64
FZ	Fluconazole	0.12-256
IZ	Itraconazole	0.008-16



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This list is to be used For Information Only, and may be updated at any time by TREK Diagnostic Systems. Contact your Area Account Manager to obtain the most current list.  
IVD0708

Clinical (IVD) Labeled Drugs and Concentrations List (Ranges cleared for In-Vitro Diagnostic Labeling. Additional ranges outside of US IVD-cleared ranges may be available.)						
Code	Antimicrobial Name	G- (µg/ml)	G+ (µg/ml)	<i>Streptococcus pneumoniae</i> (µg/ml)	<i>Streptococcus</i> spp. (µg/ml)	<i>Haemophilus influenzae</i> (µg/ml)
AMI	Amikacin	0.25-64	N/A	N/A	N/A	N/A
AUG	Amoxicillin/Clavulanic Acid	0.5/0.25-64/32	0.5/0.25-64/32	0.016/0.008-16/8	0.016/0.008-16/8	2/1-16/8
AMP	Ampicillin	0.25-128	0.12-16	N/A	N/A	0.12-16
A/S	Ampicillin/Sulbactam	0.5/0.25-64/32	0.12/0.06-32/16	N/A	N/A	1/0.5-8/4
AZI	Azithromycin	N/A	N/A	0.03-4	0.03-4	0.015-32
AZL	Azlocillin	2-256	N/A	N/A	N/A	N/A
AZT	Aztreonam	1-128	N/A	N/A	N/A	N/A
CAR	Carbenicillin	2-256	N/A	N/A	N/A	N/A
FAC	Cefaclor	N/A	N/A	4-32	N/A	4-32
FAM	Cefamandole	1-128	1-128	N/A	N/A	N/A
FAZ	Cefazolin	1-128	1-128	N/A	N/A	N/A
DIN	Cefdinir	0.06-64	0.06-32	0.016-4	N/A	0.016-4
FEP	Cefepime	0.008-64	0.008-64	0.015-32	0.015-32	0.015-32
FIX	Cefixime	N/A	N/A	N/A	N/A	0.12-1
FON	Cefonicid	1-128	N/A	N/A	N/A	N/A
FOP	Cefoperazone	1-128	N/A	N/A	N/A	N/A
FOT	Cefotaxime	1-128	1-128	0.016-4	N/A	0.016-4
F/C	Cefotaxime/Clavulanic Acid	See Table I Below.				
TANS	Cefotetan Na	0.03-64	0.03-64	N/A	N/A	N/A
FOX	Cefoxitin	1-128	N/A	N/A	N/A	N/A
FOXS	Cefoxitin Screen		6			
POD	Cefpodoxime	0.06-32	0.06-32	N/A	N/A	0.015-32
TAZ	Ceftazidime	1-128	N/A	N/A	N/A	N/A
T/C	Ceftazidime/Clavulanic Acid	See Table I Below.				
TIZ	Ceftizoxime	1-128	N/A	N/A	N/A	N/A
AXO	Ceftriaxone	1-128	1-128	0.015-2	N/A	0.015-2
FUR	Cefuroxime	1-128	N/A	0.5-16	0.5-16	0.5-16
CEP	Cephalothin	1-128	0.5-64	N/A	N/A	N/A
CHL	Chloramphenicol	1-64	0.25-32	0.25-32	0.25-32	0.25-32
CIP	Ciprofloxacin	0.06-64	0.5-64	N/A	N/A	0.015-1
CLA	Clarithromycin	0.06-128	0.06-128	0.016-16	N/A	0.002-64
CLI	Clindamycin	N/A	0.12-16	0.016-8	N/A	N/A
DAP	Daptomycin	N/A	0.03-64	N/A	0.03-32	N/A
DOR	Doripenem	0.008-64	N/A	N/A	N/A	N/A
DT1,2	D-Test		DT1, DT2			
ETP	Ertapenem	0.002-16	0.15-64	0.008-16	N/A	0.008-16
ERY	Erythromycin	N/A	0.12-32	0.25-16	0.25-16	N/A
GAT	Gatifloxacin	0.008-16	0.008-16	0.002-8	0.002-8	0.002-8
GEM	Gemifloxacin	0.002-4*	0.002-16*	0.001-16	0.001-16	0.001-16
GEN	Gentamicin	0.12-64, 500	0.12-32, 500	N/A	N/A	N/A
GRE	Grepafloxacin	0.002-4	N/A	N/A	N/A	N/A
IMI	Imipenem	0.25-64	0.25-64	N/A	N/A	0.5-4
KAN	Kanamycin	0.5-256	0.5-64	N/A	N/A	N/A
LEVO	Levofloxacin	0.004-8	0.008-16	0.002-64	0.002-64	0.002-64
LZD	Linezolid	N/A	0.25-32	0.25-32	0.25-32	N/A
LOM	Lomefloxacin	0.03-64	0.03-64	N/A	N/A	0.015-32
MERO	Meropenem	0.004-8	N/A	0.015-32	0.015-32	0.016-2
MET+	Methicillin +2%NaCl	N/A	0.12-16	N/A	N/A	N/A
MEZ	Mezlocillin	2-256	N/A	N/A	N/A	N/A
MXF	Moxifloxacin	0.004-16	0.008-16	0.004-8	0.004-8	0.004-8
NAL	Nalidixic Acid	1-128	N/A	N/A	N/A	N/A
NET	Netilmicin	1-64	N/A	N/A	N/A	N/A
NIT	Nitrofurantoin	2-256	2-256	N/A	N/A	N/A
NOR	Norfloxacin	1-128	1-128	N/A	N/A	N/A
OFL	Ofloxacin	0.004-32	0.004-32	N/A	N/A	N/A
OXA+	Oxacillin + 2% NaCl	N/A	0.25-32	N/A	N/A	N/A
PEN	Penicillin G	N/A	0.03-16	0.015-8	0.015-8	N/A
PIP	Piperacillin	2-256	N/A	N/A	N/A	N/A
P/T	Piperacillin/Tazobactam	0.12/4-256/4	0.12/4-256/4	N/A	N/A	0.015/4-32/4
RIF	Rifampin	N/A	0.5-8	N/A	N/A	0.5-4
SPX	Sparfloxacin	0.002-4	0.008-8	0.002-64	N/A	0.002-64
STR	Streptomycin	N/A	1000, 2000**	N/A	N/A	N/A
FIS	Sulfisoxazole	256	256	N/A	N/A	N/A
SYN	Quinupristin/dalfopristin	N/A	0.03-32	N/A	N/A	N/A
TEL	Telithromycin	N/A	0.002-16	0.002-16	N/A	0.002-16
TET	Tetracycline	0.25-128	0.12-128	0.25-32	0.25-32	0.25-32
TIM	Ticarcillin	2-256	N/A	N/A	N/A	N/A
TIM2	Ticarcillin/Clavulanic Acid	2/2-128/2	N/A	N/A	N/A	N/A
TGC	Tigecycline	0.015-16	0.008-16	N/A	0.004-8	N/A
TOB	Tobramycin	0.12-16	N/A	N/A	N/A	N/A
SXT	Trimethoprim/Sulfamethoxazole	0.25/4.75-32/608	0.25/4.75-4/76	0.06/1.2-4/76	0.06/1.2-4/76	0.06/1.2-4/76
TVA	Trovafoxacin	0.002-4	N/A	N/A	N/A	N/A
VAN	Vancomycin	N/A	0.25-128	0.06-4	0.06-4	N/A

\*Enterobacteriaceae, *Acinetobacter lwoffii*, *Streptococcus* species and *S. aureus* (MSSA) only.  
\*\*Enterococcus testing only.

ESBL Confirmatory Testing (Table I)			
*USA IVD labeled panels require concentrations that fall within the following minimum and maximum ranges (all 4 drugs MUST be present):			
Code	Antimicrobial	Max. Range	Min. Range
FOT	Cefotaxime	0.06-64	0.25-64
F/C	Cefotaxime/Clavulanic Acid	0.06/4-64/4	0.25/4-64/4
TAZ	Ceftazidime	0.06-128	0.12-128
T/C	Ceftazidime/Clavulanic Acid	0.06/4-128/4	0.25/4-128/4

Antifungal Agents Approved for IVD Label		
Sensititre YeastOne® susceptibility plate is used for determining the clinical susceptibility of <i>Candida</i> species. Antifungal intended use label must be for the <i>Candida</i> species only. All Antifungal plates must be 100 µl reconstitution and 1.2-8 X 10 <sup>3</sup> cfu/ml.		
Code	Antifungal Agent	Approved Range
FZ	Fluconazole	0.125-256
IZ	Itraconazole	0.008-16
FC	5-Flucytosine	0.03-64

