



!" #&/
4;O <548G=>3> 70AB>AC20=O ;V:0@AL:>3> 70A>1C
!
(AMOKSIKLA[®]V[®])

C;:04:
4VNGV @.5G>28=8: 0<=:A8F8;V=, :8A;>B0 ;:02C;0=>20;
1 D;0:>= W A>;V B0 100 <3 (01< 200 <3) :8A;>B8 ;:02C;0=>2>W C D>@W A>;V.

V:0@AL:0 D>@<0. >@>H>: 4;O @>7G8=C 4;O V=T: FV9.
A=>2=V DV78:>-EVA BV: ?>@>H>: 1V;>3> 01> 6>2BC20B>3> >;L>@C.

\$0@<0:>B5@0?52B8G=0 3@C?0.
=B810:B5@V0;L=V 70A>18 4;O A8AB5<>3> 70AB>AC20=O. >4 ""% J01C R02.

\$0@<0:>;>3VG=V 2;0AB82>ABV.
\$0@<0:>48=0
<=:A8F8;V= =0?V2A8=B5B8G=89 0=B81V>B8: 7 H8@>:8< A?5:B@< 0=B810:B5@V0;L=>W 0:B82=>ABV ?@>B8 1030BL>E 3@078B82=8E V 3@0<=530B82=8E >@30=V7ABV 0<=:A8F8;V=C=5 2;;NG0T >@30=V7<8, I> A8=B57CNBL FV D5@<5=B8. ;02C;0=>20 :8A;>B0 <0T 15B0;:0B0<=C AB@C:BC@C, ?>4V1=C 4> AB@C:BC@8 ?5=VF8;V=V2, 0 B0:>6 740B=0 V=0:B82C20B8 15B0- :0B0<0?V D5@<5=B8, I> 2:0AB82V >@30=V7<0<, @.578AB5=B=8< 4> ?5=VF8;V=V2 V F5D0;>A?>@8=V2. >:@5<0, ;:02C;0=>20 :8A;>B0 0:B82=0 I>4> 206;828E 7 ;:V=VG=>W B>G:8 7>@C ?;07 >@30=V7< @.578AB5=B=8E 4> 0<=:A8F8;V=C, B0 V=H8E ?5=VF8;V=V2 V F5D0;>A?>@8=V2.
"0:8< G8=<, <=:A8;:02* <0T 2:0AB82>ABV 0=B81V>B8:0 H8@>:>3> A?5:B@0 4VW V V=3V1VB>@C 15B0-:0B0<07.
V:@>>@30=V7<8, =02545=V =86G5, ;:0A8DV:>20=V 2V4?>2V4=> 4> GCB;82>ABV 4> 0<=:A8F8;V=C/;:02C;0=0BC in vitro.
'CB;82V >@30=V7<8
@078B82=V 05@>18: *Bacillus anthracis*, *Enterococcus faecalis*, *Gardnerella vaginalis*, *Listeria monocytogenes*, *Nocardia asteroides*, *Streptococcus pyogenes*, *Streptococcus agalactiae*, *Streptococcus viridans*, V=HV β-35<;:VB8G=V 2848 *Streptococcus*, *Staphylococcus aureus* (<5B8F8;V=GCB;82V HB0<8), *Staphylococcus saprophyticus* (<5B8F8;V=GCB;82V HB0<8), :>03C;07>=530B82=V AB0DV;>:>:8(<5B8F8;V=GCB;82V HB0<8).
@0<=530B82=V 05@>18: *Bordetella pertussis*, *Haemophilus influenzae*, *Haemophilus parainfluenzae*, *Helicobacter pylori*, *Moraxella catarrhalis*, *Neisseria gonorrhoeae*, *Pasteurella multocida*, *Vibrio cholera*. =HV: *Borrelia burgdorferi*, *Leptospira icterohaemorrhagiae*, *Treponema pallidum*.
@078B82=V 0=05@>18: 2848 *Clostridium*, *Peptococcus niger*, *Peptostreptococcus magnus*, *Peptostreptococcus micros*, 2848 *Peptostreptococcus*.
@0<=530B82=V 0=05@>18: 2848 *Bacteroides* (2;;NG0NG8 *Bacteroides fragilis*), 2848 *Capnocytophaga*, *Eikenella corrodens*, 2848 *Fusobacterium*, 2848 *Porphyromonas*, 2848 *Prevotella*. (B0<8 7 <6;82>N =01CB>N @.578AB5=B=VABN
@0<=530B82=V 05@>18: *Escherichia coli*, *Klebsiella pneumoniae*, 2848 *Klebsiella*, *Proteus mirabilis*, *Proteus vulgaris*, 2848 *Proteus*, 2848 *Salmonella*, 2848 *Shigella*.
@078B82=V 05@>18: 2848 *Corynebacterium*, *Enterococcus faecium*, *Streptococcus pneumoniae*.
5GCB;82V >@30=V7<8
@0<=530B82=V 05@>18: 2848 *Acinetobacter*, *Citrobacter freundii*, 2848 *Enterobacter*, *Hafnia alvei*, *Legionella pneumophila*, *Morganella morganii*, 2848 *Providencia*, 2848 *Pseudomonas*, 2848 *Serratia*, *Stenotrophomonas maltophilia*, *Yersinia enterocolitica*.
=HV: *Chlamydia pneumoniae*, *Chlamydia psittaci*, 2848 *Chlamydia*, *Coxiella burnetti*, 2848 *Mycoplasma*.
\$0@<0:>:V=5B8:0.
0=V D0@<0:>:V=5B8G=8E 4>A;V465=L =02545=V C B01;8FOE =86G5.
<=:A8F8;V=:

		#A5@54=5=V D0@<0:>:V=5B8G=V ?0@0<5B@8			
>70 ?@5?0@0BC <=:A8F8;V=/ 8A;>B0 ;:02C-:0=>20	>70 0<=:A8F8;V=C,<3	15@54=O ?V:>20 :=F5=B@0FVO C ?;072V,	"½, 3>4	AUC, 3>4 × <3/;	82545=O V7 A5G5N 0-6 3>4, %
500 <3/100 <3	500	32,2	1,07	25,5	66,5
1000 <3/200 <3	1000	105,4	0,9	76,3	77,4

8A;>B0 ;:02C;0=>20:

		#A5@54=5=V D0@<0:>:V=5B8G=V ?0@0<5B@8			
>70 ?@5?0@0BC <=:A8F8;V=/ 8A;>B0 ;:02C-:0=>20	>70 :8A;>B8 ;:02C;0=>2>W, <3	15@54=O ?V:>20 :=F5=B@0FVO C ?;072V,	"½, 3>4	AUC, 3>4 × <3/;	82545=O V7 A5G5N 0-6 3>4, %
500 <3/100 <3	100	10,5	1,12	9,2	46,0
1000 <3/200 <3	200	28,5	0,9	27,9	63,8

>?>4V;: VA;O 2=CB@VH=L>25==>3> 22545=O ?@5?0@0BC B5@0?52B8G=V :=F5=B@0FVW 0<=:A8F8;V=C B0 ;:02C;0=>2>W :8A;>B8 A?>AB5@V30NBLAO C 6>2G=>W ?>@>6=8=8, H:V@V, 68@>2V9 B0<07>2V9 B:0=8=0E, 0 B0:>6 C A8=>2V0;L=V9 B0 ?5@8B>=50;L=V9 @V48=0E, 6>2GV B0 3=>=W. <=:A8F8;V= V ;:02C;0=>20 :8A;>B0 A:01> 7207CNBLAO 7 1V;:0<8: 4;O ;:02C;0=>2>W :8A;>B8 F59 ?>:07=8: AB0=>28BL 25 %, 4;O 0<=:A8F8;V=C 18 % 2V4 7030;L=8E :=F5=B@0FV9 WE C ?;072V.5 2AB0=>2;5=> :C4=>3> 7 F8E :=5=BV2 C 1C4L-O:>@30=V. <=:A8F8;V=, O: V V=HV ?5=VF8;V=8, <65 2802;OB8AO C 3@C4=>;V4>20 :V;L:VABL;:02C;0=>2>W :8A;>B8 B0:>6 <65 1CB8 2802;5=0 C 3@C4=> <=:A8F8;V= V ;:02C;0=>20 :8A;>B0 <6CBL ?@>=8:0B8 :@V7L ?;0F5=B0@=>89 10@T@. @>B5 =5 2802;5=> 1C4L-O:8E 40=8E I>4> ?>@CH5=O D5@B8;L=>W DC=:FVW 01> H:V4;82>3> 2?;82C =0 ?;V4. 82545=O. A=>2=8< H:OE< 282545=O 0<=:A8F8;V=C T =8@>:20 5:A:@.5FVO, B>4V O: 282545=O ;:02C;0=0BC 74V9A=NTBLAO V =8@:0<8, V ?>70=8@>:28<8 <5E0=V7<0<8. @.81;87=> 60-70 % 0<=:A8F8;V=C V 40-65 % ;:02C;0=>2>W :8A;>B8 284V;OTBLAO V7 A5G5N C =57B03< ?5@H8E 6 3>48=. <=:A8F8;V= B0:>6 G0AB:>2> 282>48BLAO V7 A5G5N C 283;04V =50:B82=>W ?5=VF8;>2>W :8A;>B8 C :V;L>ABOE, 5:2V20;5=B=8E 10-25 % 70AB>A>20=>W 4>78, ;02C;0=>20 :8A;>B0 7=0G=>N N <5B01>;V7CTBLAO 2 >@30=V7

;V=VG=V E0@0:B5@8AB8:8.
>:070=O.
V:C20=O 10:B5@V0;L=8E V=D5:FV9, A?@8G8=5=8E GCB;828<8 4> ?@5?0@0BC >@30=V7<0<8, B0:8E O::
BO6:V V=D5:FVW 3>@<0, =>A0 B0 2CE0 (B0:V O: <0AB>W48B, ?5@8B>=78;O@=V V=D5:FVW, 5?V3>B8B V A8=CA8B V7 AC?CB=V<8 BO6:8<8 A8AB5<=8<8 >7=0:0<8 V A8<0<8);
703>AB@5=O E@=>VG=>3> 1@=>EVBC (?VA;O ?V4B25@465=O 4V03=>7C);
=53>A?7VB0;L=0 ?=52<=VO;
F8AB8B;
?VT;=>5D@8B;
V=D5:FVW H:V@8 B0 <O:8E B:0=8=, C B.G. 10:B5@V0;L=V F5;N;VB8, C:CA8 B20@8=, BO6:V 45=B>0;L25>;O@=V 01AF5A8 7 ?>H8@5=8< F5;N;VB>;
V=D5:FVW :VAB>; V AC3;>1V2, C B.G. >AB5>
2=CB@VH=L>G5@52=V V=D5:FVW;
V=D5:FVW AB0B528E >@30=V2 C 6V=>;.
@>DV;0:B8:0 10:B5@V0;L=8E V=D5:FV9 ?@8 25;8:8E >?5@0B82=8E 2B@CG0=OE C B0:8E 7>=0E:
H;C=>2>:8H>289 B@0B;
>@30=8 <0;>3> B070;
3>;>20 B0 H80;
6>2G=V H:OE8.

@>B8?>:070=O.
V42815=0 GCB;82VABL 4> 4VNG8E @.5G>28=, ?5=VF8;V=C B0 4> V=H8E :=5=BV2 ?@5?0@0BC.
"06:0 0;5@3VG=0 @50:FVO =5309=>3> B8?C (=0?@8;:04, 0=0DV;0:A8E) =0 V=HV 15B0-:0B0<=0 B81V>B8:8 (=0?@8;:04, F5D0;>A?>@8=8, :0@10?5=5<8 01> <=>>10:B0<8) 2 0=0<=57V.
>2BO=8FO/?>@CH5=O DC=:FVW ?5GV=:8 2 0=0<=57V, I> 1C;> A?@8G8=5=> 0<=:A8F8;V=