

/ / ( )  
/ /  
/ /

β

\*

$$\begin{array}{c}
 \beta \\
 (Kirby\text{-}Bauer) \\
 G \qquad \qquad MBC \quad MIC \\
 \beta \\
 \beta \\
 \beta \\
 (MBC) \\
 \beta
 \end{array}$$

( ) .( ) ( )

% /      /      mm  
 NaOH      ) (      ) G  
 (      /      pH  
 cm

$\beta$       .  
 MBC    MIC  
 G

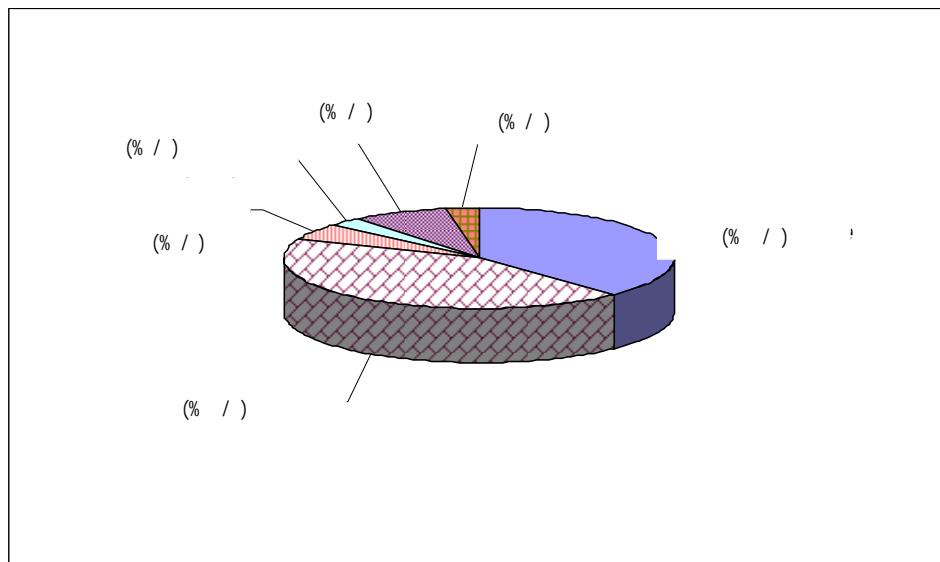
.( )  
 $\beta$       (TSB)  
 ( cm)  
 .( )      ( )  
 TSB      °c  
 (Merck)      streak plate method  
 (Kirby-Bauer)  
 $\beta$       °c  
 ).( )      .( )

G      MIC      %  
 .  
 %      %

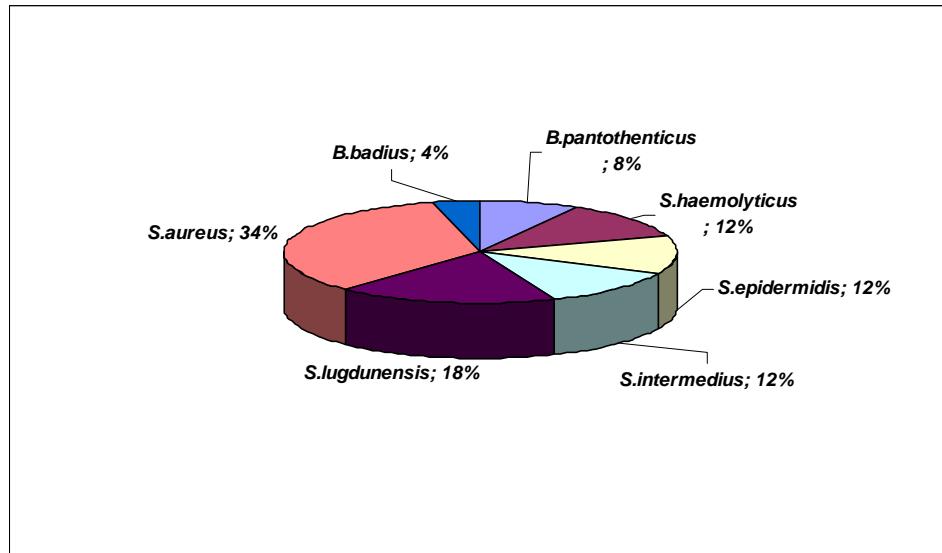
TSB

$\beta$

MHA  
°C                          )                          ×      CFU/ml  
MBC                  % /                          )                          ( .(                  .( °c  
Statfax-2100                  )  
(      Awarness Technology INC  
% /                  % /                  .( )  
MIC  
(MBC)



$$\beta \quad \beta \quad \beta$$



*B. badius*   *V. pantotheniticus*

*V. pantotheniticus*   *B. badius*

		%	
+	+	cc	
+	+		
+	+		
+	+		
+			
+			
+			
+			

: ( )      % : +      % : -

: +W      : W

.      % : d      : W

$\beta$

)

.( ...

<i>S. aureus</i>	<i>S. epidermidis</i>	<i>S. lugdunensis</i>	<i>S. intermedius</i>	<i>S. haemolyticus</i>	VP	L
+W	d	d				
+	+	+	(+)	+		
+	+	+	+	(+)	(	)
+	+	+	d		D	
+	+	+	(W)	+		
			(d)	d	D	
+		+	+	+		
+	d	+	d	d	a	
+	+	+	+	d	D	$\beta$
+	+W	+	+	d		
+W	+	d	+			
+		+	d			
+				+		
+	W	W	d	(+)		

	Vancomycin	Sulphamethoxazol	Gentamicin	Aminoglycoside	Tobramycin	Tetracycline	Clindamycin	Ceftizoxim	Ceftriaxon	Ceftazidime	Cefotaxime	Cephalexin	Cephalothin	Cloxacillin	Amoxicillin	Ampicillin	Penicillin G
R	S	R	S	S	R	R	S	I	R	I	I	S	R	-	R	R	
S	S	S	S	S	R	S	S	S	R	I	S	S	R	R	R	R	
S	S	S	S	S	R	S	S	S	-	S	S	S	R	R	R	R	
S	S	S	S	S	R	S	S	I	R	I	S	S	R	-	R	R	
S	S	S	S	S	-	S	S	S	R	S	S	S	R	-	R	R	S.aureus
S	S	S	S	S	S	S	S	I	-	I	S	S	R	R	R	R	
S	S	S	S	S	S	S	S	I	-	I	S	S	R	R	-	R	
S	S	S	S	S	S	S	S	I	S	-	S	I	S	R	R	R	
S	-	S	S	S	R	S	S	S	-	I	S	S	R	R	R	R	
S	S	S	S	S	S	S	S	S	S	-	S	S	S	R	R	R	
S	S	S	-	S	-	S	-	R	S	S	-	S	S	-	R		
S	S	S	S	S	S	S	S	R	R	I	S	S	S	-	R	S.lugdunensis	
S	S	R	S	S	S	S	S	I	R	I	S	S	S	S	R	R	
S	S	S	S	-	R	S	S	R	S	R	S	-	R	-	R	R	
S	S	S	S	S	S	S	S	R	R	R	R	R	S	-	R	R	
S	S	S	S	S	R	S	S	I	R	I	S	S	R	-	R	R	S.intermedius
S	S	S	S	S	S	S	S	S	S	-	S	I	S	R	R	R	
S	S	-	S	-	-	-	-	I	I	R	I	S	S	R	R	R	
S	S	-	S	S	S	S	S	S	R	S	S	S	R	R	R	R	S.epidermidis
S	S	S	S	-	R	S	S	I	R	I	S	S	R	-	R	R	
S	S	S	S	S	S	S	S	R	R	R	R	R	I	R	-	R	
S	S	S	S	S	S	S	S	R	R	R	R	R	R	I	R	R	S.haemolyticus
S	S	S	S	S	S	S	S	I	R	R	R	I	S	R	R	R	
S	I	S	S	S	S	S	S			R					R	R	V.pantotheniticus
S	S	S	S	S	S	S	S			R	S				R	R	
R	I	R	S	R	R	R	S	R	R	R	R	R	R	I	R	R	B.badius

	G	MBC	( )	MIC
P value				
< /	<i>S.aureus</i> (ATCC 6538P)			
< /	<i>B.badius</i>			
		<i>V.pantothenicus</i> (1)		
		<i>S.haemolyticus</i> (1)		
		<i>S.epidermidis</i> (1)		
		<i>S.intermedius</i> (1)		
		<i>S.lugdunensis</i> (1)		
		<i>S.aureus</i> (1)		
			( $\mu$ r/ml)	G
				MIC
				MBC

Paavilainen

ICU

.( )

Larson

.( )

% /

% /

.( )

% /

Larson

(% / )

(% / )

% /

% /

( ) Marquet	( ) Fass	( ) Shopova	% /	% /
.	.	( ) Dubouix	% /	% /
G	MBC	MIC	.	( )
<i>S.aureus</i> (1)	.	.	.	.
G	μg/ml	.	.	.
μg/ml	V. <i>pantothenicus</i> (1)	.	.	.
G	MIC	.	.	.
) <i>S.aureus</i> (ATCC 6538p)	.	.	.	β
(	.	.	B. <i>badius</i>	<i>S.aureus</i>
.	(P< / )	.	(	)
G	.	.	.	.
.	(P< / )	.	.	.
Goldstein	.	.	(P= / )	.
G	MIC ( )	.	Fass	.
< / μgr/ml	.	.	.	.
≤ / μgr/ml	<i>S.aureus</i>	%	<i>S.aureus</i>	% :
Doern	( )	.	%	<i>S.epidermidis</i>
<i>S.aureus</i>	G	MIC	Marquet	( )
( )	≤ / >	μgr/ml	.	<i>S.haemolyticus</i>
Vandenesch	.	.	.	.
<i>S.lugdunensis</i>	.	.	.	%
G	MBC	MIC	.	( )
β	.	.	.	β

β

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