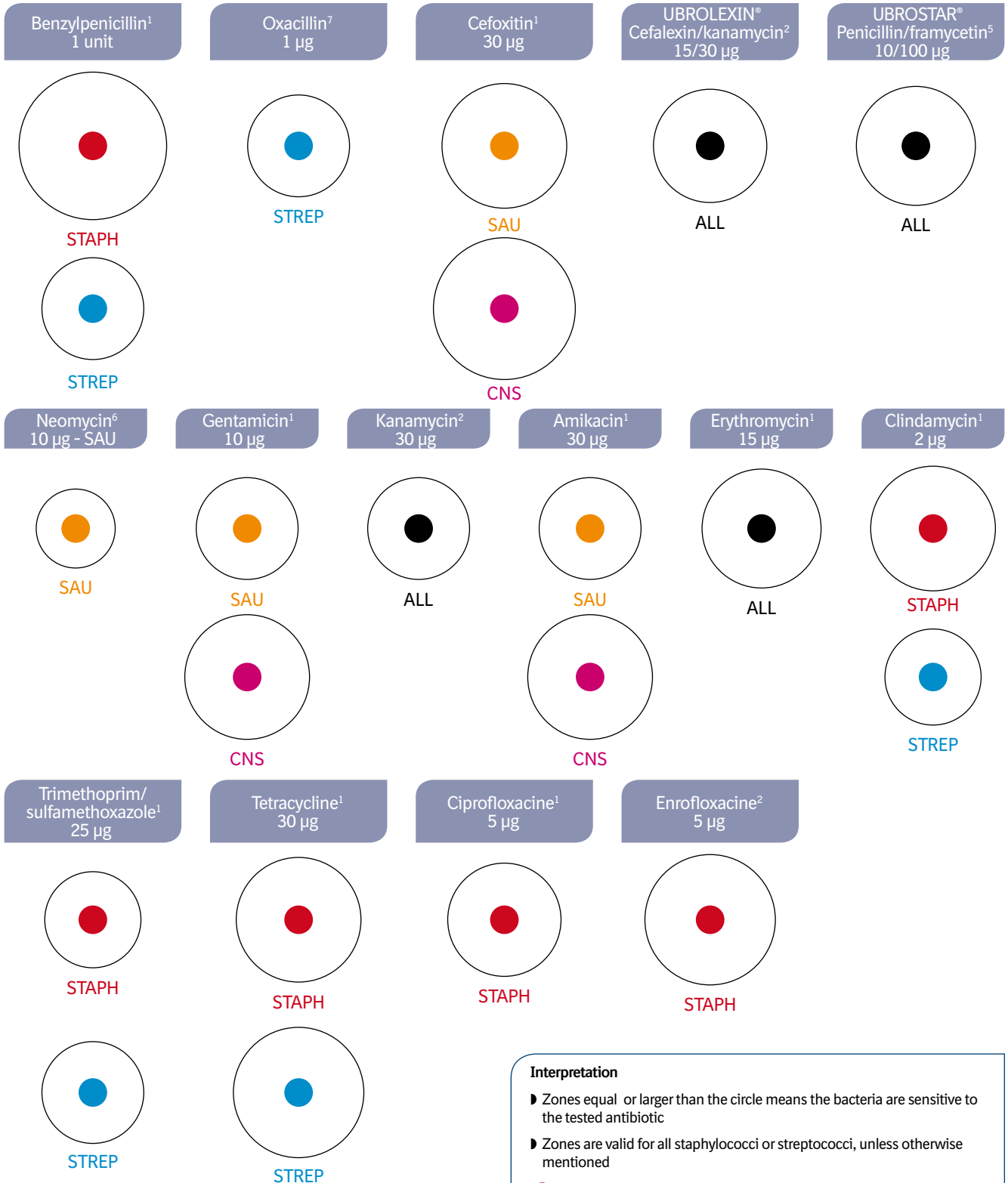


INTERPRETATIVE BREAKPOINTS FOR DISC DIFFUSION TEST OF MASTITIS SAMPLES



+ Gram positive panel



References
 1. EUCAST Breakpoint tables for interpretation of MICs and zone diameters. V 5.0 2015 -01-01.
 2. CLSI Vet01-S2. July 2013
 3. Pillar *et al.*, 2009. J. Dairy Sci. 92: 6217-6227
 4. Silley *et al.*, 2012. J. Dairy Sci. 95: 3448-3453
 5. Pillar *et al.*, 2014. J. Dairy Sci. 97: 1-14
 6. Breakpoint proposed by EUCAST
 7. Preliminary breakpoint
 Note: Criteria may change; see EUCAST website or most recent CLSI document.

Interpretation

- ▶ Zones equal or larger than the circle means the bacteria are sensitive to the tested antibiotic
- ▶ Zones are valid for all staphylococci or streptococci, unless otherwise mentioned

STAPH: only valid for staphylococci
SAU: only valid for *Staphylococcus aureus*
CNS: only valid for coagulase negative staphylococci
STREP: only valid for streptococci



Gram negative panel

Ampicillin ¹ 10 µg	Amoxicillin- Clavulanic acid ¹ 20*10 µg	Cefalexin ¹ 30 µg	Cefotaxime ¹ 5 µg
Neomycin ¹ 10 µg	Gentamicin ¹ 10 µg	Kanamycin ¹ 30 µg	Amikacin ¹ 30 µg
Trimethoprim/ sulfamethoxazole ¹ 25 µg	Tetracycline ¹ 30 µg	Ciprofloxacin ¹ 5 µg	Enrofloxacin ² 5 µg
UBROLEXIN® Cefalexin/kanamycin ² 15/30 µg	UBROSTAR® Penicillin/framycetin ⁵ 10/100 µg		
COLI			

References

1. EUCAST Breakpoint tables for interpretation of MICs and zone diameters. V 5.0 2015 -01-01.
 2. CLSI Vet01-S2. July 2013
 3. Pillar *et al.*, 2009 J. Dairy Sci. 92: 6217-6227
 4. Pillar *et al.*, 2014. J. Dairy Sci. 97 :1-14
 5. Breakpoint proposed by EUCAST
- Note: Criteria may change; see EUCAST website or most recent CLSI document.

Interpretation

- ▶ Zones equal or larger than the circle means the bacteria are sensitive to the tested antibiotic
- ▶ Zones are valid for all *Enterobacteriaceae* unless otherwise mentioned

COLI: only valid for *E. coli*