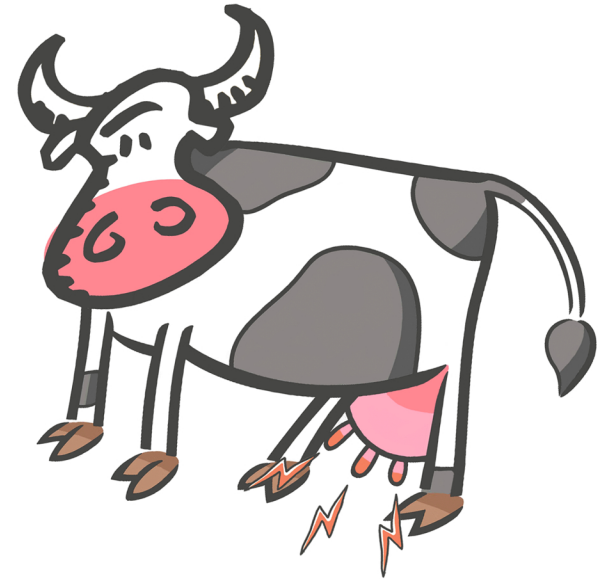
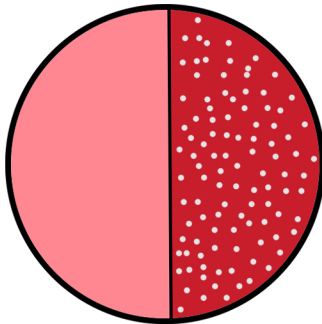


HOW TO IDENTIFY STREPTOCOCCUS SPECIES

Streptococcus species are a common cause of mastitis and frequently associated with high somatic cell counts, and in some cases clinical mastitis. Streptococci are gram positive organisms that also grow in the environment. Learn how to identify Streptococci on a biplate, triplate and quadplate using selective agars in your on-farm culturing lab.

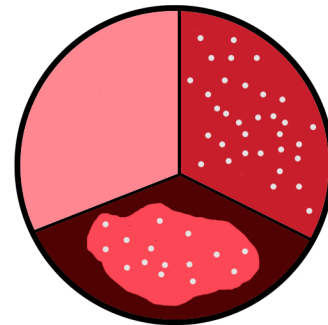
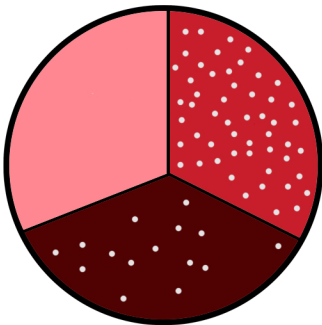
Biplate

Gram-Positive bacteria (growth only on Factor or Blood agar)



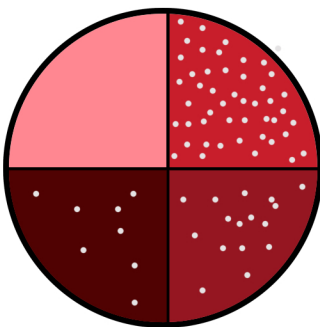
Triplate

Streptococci (growth on both Factor and MTKT agars) *Streptococcus agalactiae* (zone of hemolysis in MTKT)



Quadplate

Streptococci (growth on Blood Agar, Factor and MTKT agar)



Contamination

Contaminated plate (growth on all agars)

