Cultivation of Streptococci and Enterococci

Recommendation:
Streptococci and Enterococci are facultative anaerobic bacteria. Although some species of this genera may grow under aerobic conditions, we still recommend to culture all strains affiliated to these genera under microaerophilic conditions. The growth of many strains is stimulated in a CO2 enriched atmosphere (5% CO2), especially if strains are cultured on agar plates. For some Streptococci beta-hemolysis only appears under reduced conditions.

Furthermore, most species of the lactic acid bacteria (Lactobacillus, Lactococcus, Leuconostoc and Weissella) grow microaerophilic, whereas only a few of them require obligate anaerobic conditions.

Notes:
The information contained herein is offered for informational purposes only and is based on the present state of our knowledge. Recipients of our microorganisms must take responsibility for observing existing laws and regulations. DSMZ accepts no responsibility for the accuracy, sufficiency, reliability or for any loss or injury resulting from the use of the information.

If you have any questions or comments to this page, please send an e-mail to the following address:
sgr06(at)dsmz.de.