

The objective of a catalase test is to determine the presence or absence of the enzyme catalase in a bacterial or cellular sample. In summary, the objective of the catalase test is to determine whether a bacterial or cellular sample possesses catalase activity, which aids in the identification and differentiation of bacterial species. This test is commonly used in microbiology to identify and differentiate between different bacterial species. The catalase test is performed by adding a small amount of hydrogen peroxide to a bacterial colony or suspension. Examples of catalase-positive bacteria include *Staphylococcus* species, while *Streptococcus* species are catalase-negative.