

Respiration Process Kit



MODEL - AKBIO016

MAKE - AK LABS

The Respiration Process Kit is an educational biology kit designed to demonstrate the process of respiration in living organisms. It helps students understand aerobic and anaerobic respiration, energy release, and gas exchange through practical models and activities.

KIT SPECIFICATION

Kit Name	Respiration Process Kit
Subject	Biology
Learning Areas	Respiration, Aerobic Respiration, Anaerobic Respiration, Energy Production, Gas Exchange
Components	Respiration Model, Test Tubes, Respirometer Setup, Yeast Culture, Glucose Solution, Lime Water, Delivery Tubes
Material	Laboratory Grade Biological & Glassware Components with Educational Models
Application	Biology Practicals, Cellular Respiration Experiments & STEM Education
Suitable For	Schools, Colleges, Biology Laboratories, Universities & Educational Institutions

KIT DETAILS

The **Respiration Process Kit** provides all essential laboratory materials required to study the biological process of respiration. Students learn how glucose is broken down to release

energy, understand aerobic and anaerobic respiration, and observe gas exchange mechanisms. The kit enhances conceptual clarity in cellular respiration and metabolic processes. Ideal for schools, colleges, biology laboratories, and STEM-based education environments.