

DNA Isolation Kit



MODEL - AKBIO040

MAKE - AK LABS

The DNA Isolation Kit is an educational biology kit designed to extract and observe DNA from biological samples. It helps students understand DNA structure, extraction techniques, and molecular biology concepts through practical laboratory experiments.

KIT SPECIFICATION

Kit Name	DNA Isolation Kit
Subject	Biology / Molecular Biology
Learning Areas	DNA Isolation, DNA Extraction, Molecular Biology, Genetics, Cell Lysis
Components	Extraction Tubes, Beakers, Test Tubes, Pipettes, DNA Extraction Reagents, Filtration Materials, Measuring Cylinder, Sample Collection Accessories
Material	Laboratory Grade Glassware, Plasticware, Molecular Biology Reagents and Laboratory Equipment
Application	Biology Practicals, DNA Extraction Experiments and STEM Education
Suitable For	Schools, Colleges, Biology Laboratories, Universities and Educational Institutions

KIT DETAILS

The **DNA Isolation Kit** provides all essential laboratory equipment required to isolate DNA from plant or animal samples using standard laboratory techniques. Students perform cell

lysis, DNA precipitation, and extraction procedures while learning the fundamentals of molecular biology and genetics. The kit develops practical laboratory skills and scientific understanding. Ideal for schools, colleges, biology laboratories, and STEM-based learning environments.