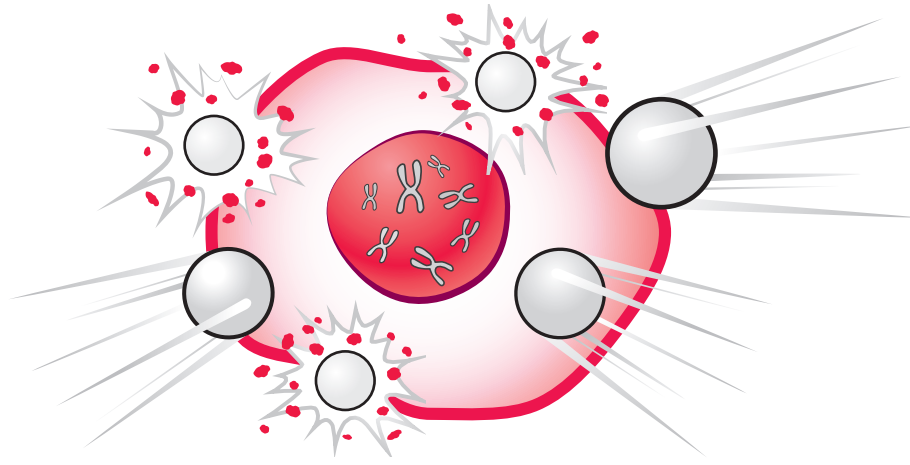


# GENOMICS

*From Sample Preparation To Results*

## **Extraction—Lysis**

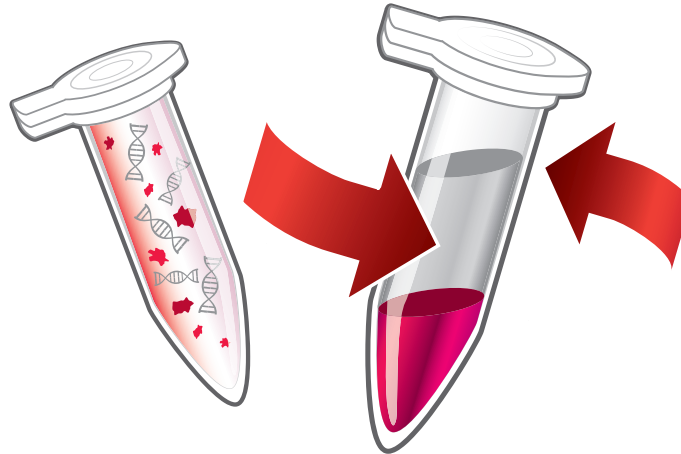
Cells are lysed using an OHAUS Homogenizer to break open and extract the desired genetic material.



**Bead Mill Homogenizer**

## **Purification**

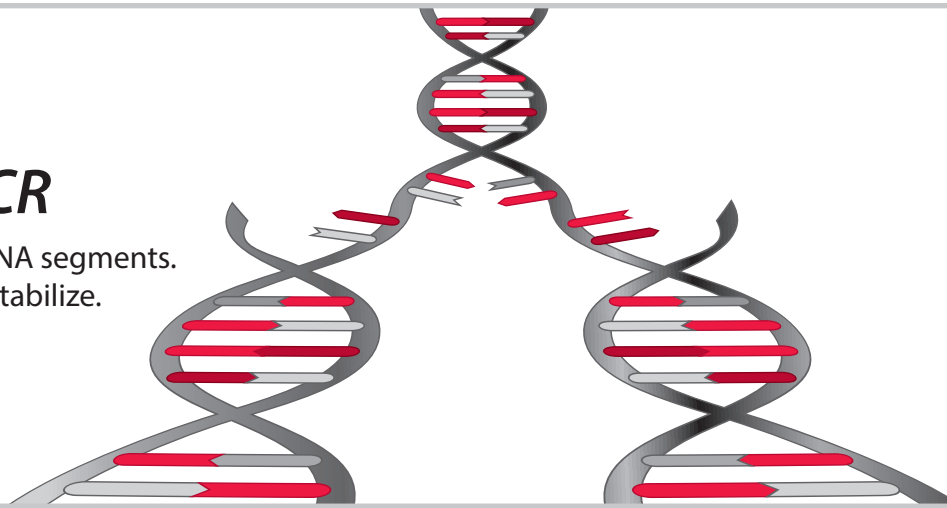
OHAUS Frontier Centrifuges are used to separate and purify each sample.



**Centrifuge**

## **Amplification—PCR**

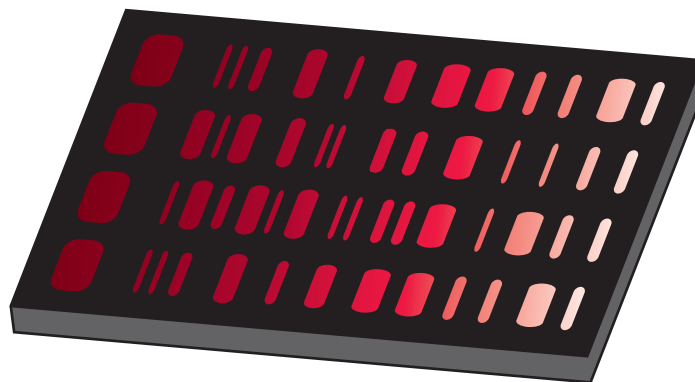
PCR cycles are performed to copy DNA segments. Then the samples are incubated to stabilize.



**Dry Block Heater**

## **Electrophoresis, Detection and Analysis**

Samples are subjected to Electrophoresis to gather data to be analyzed and cataloged.



**Rocking/Waving Shaker**

## **Cell Storage**

Ensure that the samples are pH-balanced and temperature-controlled to prevent growth or error during long-term storage.



**Dry Block Heater  
With Heater Lid**



## **OHAUS Corporation**

OHAUS' new line of laboratory equipment caters to a variety of life science applications. The portfolio includes Homogenizers, Centrifuges, Open Air and Incubating Shakers, Vortex Mixers, Hotplate Stirrers, Dry Block Heaters and Clamps.

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