

# DNA DISCOVERY KIT

## AN INTRODUCTION

Life involves many complex processes. How is all of this complexity coordinated? And how is all of this complex coordination transmitted from generation to generation? Herein lies the basic secret of life, and scientists over the past 50t years have made considerable progress in their understanding and application of this secret.

The most amazing and surprising part of this “secret” is its basic simplicity. Now you, too, can understand this mystery of life. With the help of this kit (and a little imagination), you can transport yourself into the micro-universe of a living cell, learn to recognize a few molecular patterns, and play “enzyme” as you help in the self-duplication of those molecules, and manipulate them to carry out your very own instructions, just as they do in real life.

With this basic understanding (and a little additional knowledge), you could create life; you could make your own monster... or a beautiful flower. Scientists in the field of Molecular Biology are still making major progress in their ability to use this knowledge to control life. We are seeing major developments in many fields, including medicine, agriculture, environmental sciences, and industry. For example, methods of preventing and fighting diseases are being discovered at an accelerating pace, due entirely to our growing knowledge of how DNA works.

This is *your* beginning. A brilliant future awaits you. You could be a part of the “DNA Generation.” Or, if you choose not to become actively involved, at least you will understand what is happening, and you can anticipate amazing developments throughout you life and beyond. As a citizen and a voter, you will have a deeper appreciation of this subject, and can vote with greater understanding of issues that involve DNA and biotechnology. You might even want to become a financial investor in some part of the DNA/Biotechnology industry, or find employment in companies that are rapidly expanding in many parts of this country, and the world. In any case, you are in the DNA Age. Welcome aboard!