

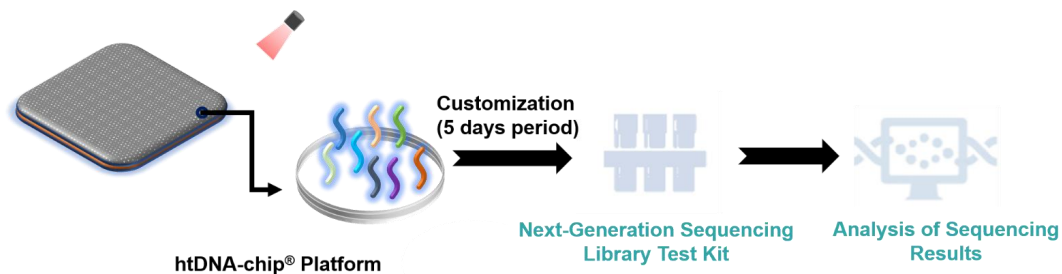
Next-Generation Sequencing Based on htDNA-chip®

What is next-generation sequencing?

DNA sequencing refers to the analysis of the base sequence of specific DNA fragments, namely the arrangement of adenine (A), thymine (T), cytosine (C) and guanine (G). The emergence of rapid DNA sequencing methods can greatly promote the research and discovery of biology and medicine. At present, the lowest-cost and high-throughput next-generation sequencing is the most widely used. Next-generation sequencing technology, also known as high-throughput sequencing technology, solves the problem that first-generation sequencing can only measure one sequence. With the development of biological research, people began to analyze all sequence information in a species or sample. At this time, the first-generation sequencing method cannot meet needs, and the next-generation sequencing technology was born under this situation. We call next-generation sequencing high-throughput sequencing because it can measure multiple sequences at once.

What can htDNA-chip® platform do in the next-generation sequencing?

htDNA-chip® technology platform can synthesize millions of specific nucleotide chains in a single run to meet your needs. htDNA-chip® can help prepare next-generation sequencing libraries quickly and efficiently, covering the whole-genome sequencing, RNA sequencing, targeted sequencing, exome sequencing, microbial sequencing, mitochondrial sequencing and so on. htDNA chip® technology platform can quickly provide you with customized sequencing panels and kits to help you obtain sequencing results faster and more efficiently.



The workflow of htDNA-chip® for the next-generation sequencing

<https://www.htdna-chip.com/next-generation-sequencing.html>