

## Sample Capture Standard Card

**Product Number: SCC64**

### Shipping and Storage

Store at room temperature for transportation, and after sampling, the DNA in the sample can be preserved for several years.

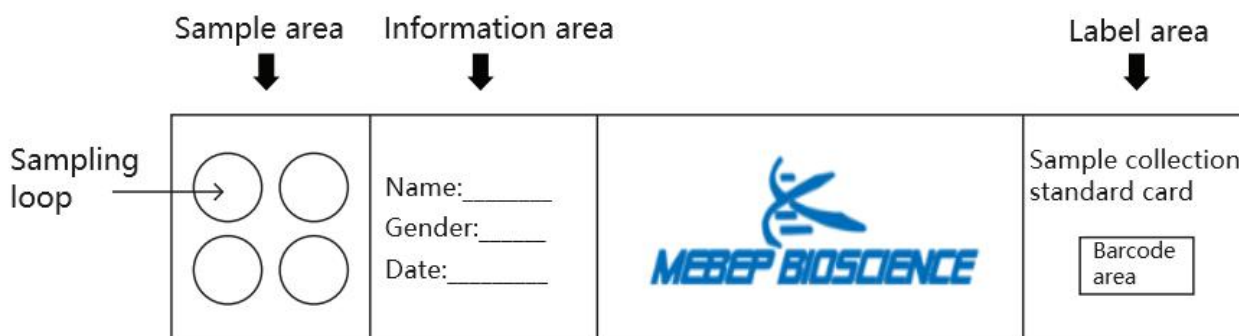
### Components

Component	SCC64	SCC64
Sample collection standard card	20 sheets	100sheets

### Description

The sample collection standard card is a new medium used for storing DNA using plant fibers as a carrier. It can bind DNA to the card and is designed specifically for the collection, transportation, and storage of blood samples at room temperature. Through a unique formula and production process, this product has the functions of protein denaturation, cell membrane rupture, DNA adsorption fixation, and inhibition of bacterial growth, ensuring that the target DNA can be stored on the storage card for many years. Moreover, due to the denaturation of the protein, pathogenic microorganisms or viruses in the biological sample lose their activity, avoiding the risk of contamination by operators and ensuring the safety of long-distance transportation.

The blood sample collection card is divided into sample area, information area, and label area, with a total of 4 sampling rings in the sample area.



### Feature

1. Convenient storage and cost saving: DNA samples can be transported and stored at room temperature for a long time without the need for refrigeration, significantly reducing the cost of DNA transportation and storage.
2. High DNA integrity: High quality DNA samples can be extracted using extraction kits.
3. High safety: inactivate pathogenic microorganisms or viruses in the sample to avoid contamination to operators.
4. Single sampling and multiple use: A sample can be used for multiple target DNA tests and can be used multiple times for easy re examination and retesting.

### Application

DNA sample collection cards have a wide range of applications, such as DNA collection, storage, and transportation, medical identification, and clinical diagnosis.

DNA collection, storage, and transportation: DNA sample collection cards can be used for forensic and parent-child identification to extract DNA from library samples and perform PCR operations. By using automated DNA extraction instruments, a simple and easy to operate DNA automated extraction program can be established. Especially for high-risk populations during the blood collection process, it can significantly reduce the demand for the required blood sample size for testing, while inactivating infectious bacteria or viruses to avoid contamination of operators and strengthen the protection of blood collection personnel. In



## **MEBEP TECH(HK) Co., Limited**

Email: [sales@mebep.com](mailto:sales@mebep.com) Website: [www.mebep.com](http://www.mebep.com)

Tel: +86-755-86134126 WhatsApp/Facebook/Twitter: +86-189-22896756

In addition, DNA sample collection cards can also be used for DNA extraction at crime scenes, collecting animal DNA samples in the wild, and so on.

Medical identification and clinical diagnosis: can be used for the detection of diseases caused by bacteria or viruses, as well as for genetic disease analysis and tumor detection. For areas with poor medical conditions where patient blood samples cannot be tested in a timely manner, blood samples can be dropped onto a blood sample collection card for storage, and then transported or mailed to units with complete testing equipment for testing. For infectious biological samples, the process of storing them on the blood sample collection card will lose their activity, so the safety is high.

### **Protocol**

1. Attach the sample to the sampling ring of the sample collection standard card and record the sampling information.
2. The sample collection standard card after sampling can store DNA in the sample for a long time and can also be used for nucleic acid extraction.