

# MGIEasy Saliva Sample Collection Kit

The product is used to collect, transport and store human saliva. It can preserve human gDNA, virus DNA and RNA in saliva samples for different application.



**Non-invasive collection, simple operation**



**Good sample preservation ability**

Saliva sample are stable for long-term storage at room temperature, and high-quality DNA can be obtained.



**Automation friendly**

Compatible with the de-capping machine of MGISTP-3000 and MGISTP-7000.



## Product Information

Product Name	MGIEasy Saliva Sample Collection Kit
Model	SSC02
Sample type	Fresh saliva
Specification	1 Prep/Kit
Sample volume recommended	1 mL
Components	Saliva sample preservative*1, Funnel collector*1, biosafety bag*1
Valid period	24 months
Storage condition	2~30°C
Adaptive automation	MGISTP-7000, MGISTP-3000
Downstream application	PCR, sequencing

## Performance

- High yield and purity of genomic DNA can be extracted from saliva samples

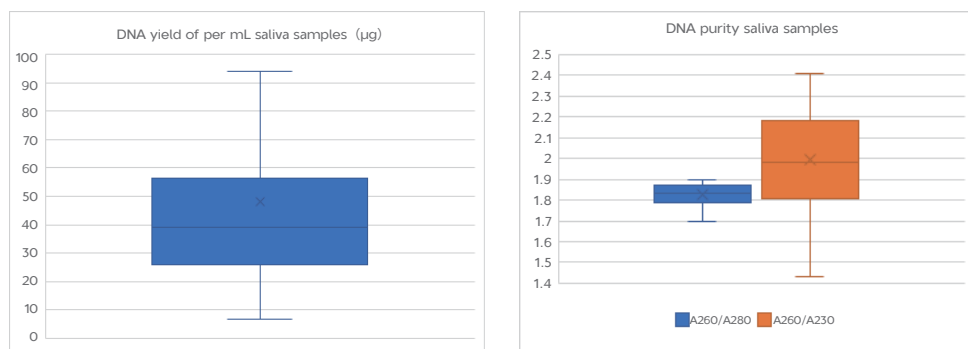


Fig.1. The saliva DNA from 50 donors were extracted, and measured by qubit (Left. DNA yield) and UV adsorption spectra (Right. DNA purity)

- After long-term storage at room temperature, high quality DNA were obtained from saliva samples.

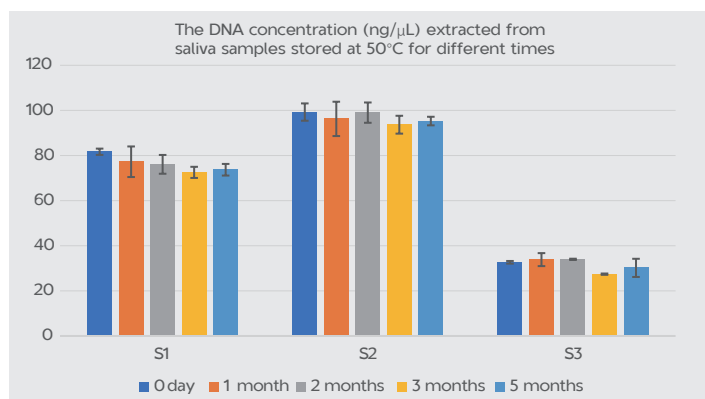


Fig.2. Saliva samples were stored at 50°C, and extracted DNA at 0 day, 1 month, 2 months, 3 months, and 5 months respectively. The DNA yield was no significant change.

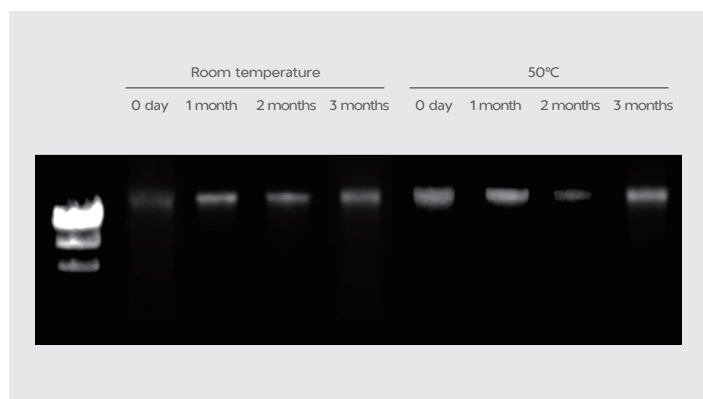


Fig.3. A saliva sample was stored at room temperature and 50°C, extracted DNA and measured by gel electrophoresis at 0 day, 1 month, 2 months, 3 months respectively. The DNA fragment was intact and no significant degradation.

- RNA virus could be stably stored for 1 month

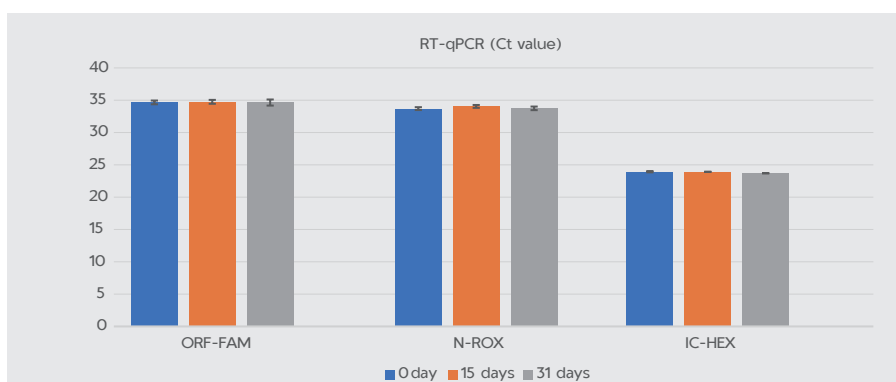


Fig.4. COVID-19 pseudovirus was added to saliva samples as simulated samples, and stored by MGIEasy Saliva Sample Collection Kit at 25°C for 0 day, 15 days and 31 days. The samples were measured by RT-qPCR. After stored for 31 days, the Ct value of RT-qPCR was no significant change.

## Order Information

Cat. No.	Name	Specification	Model	Note
940-001262-00	MGIEasy Saliva Sample Collection Kit	1 Prep/Kit	SSC02	RUO
940-001263-00	Saliva Sample Collection Kit	1 Prep/Kit	SSC02	CEDoc

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