

Quick Saliva Extraction Reagent

Cat. no. TTJ-SE100

Storage: 15 - 25°C

Product Size: 100 mL

Description

Saliva is an excellent and non-invasive source of DNA for genetics testing. TOOLS Quick Saliva Extraction Reagent provides a simple, time-saving, and affordable method for preparing DNA and RNA from saliva sample completely without the use of toxic chemicals or spin columns. Extraction of DNA or RNA and degrade compounds inhibitory to PCR amplification requires only heat treatment. And the procedure is easily scaled to process hundreds of samples in multiwell plates.

Saliva samples collected with TOOLS Quick Saliva Extraction Reagent are stable and suitable for PCR-based analysis, such as: genomic, transgenic, or viral DNA screening.

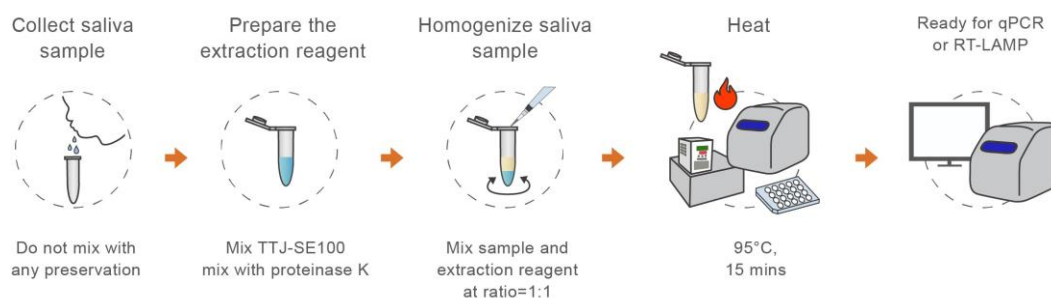
Materials needed but not supplied with the product

- Proteinase K (20 mg/vial) (TOOLS, Cat# TTG-PKP01)

Protocol

1. Prepare the extraction reagent in the proportion of 20 μ L Proteinase K (20 mg/mL) and 200 μ L TOOLS Quick Saliva Extraction Reagent. The volume could be scaled up according to the number of samples.
2. Homogenize the saliva sample with the reagent prepared in step 1 at 1:1 ratio. Generally, Add 200 μ L the reagent prepared in step 1 to 200 μ L saliva sample and mix thoroughly by pulse-vortexing.
3. Incubate the homogenized sample at 95 °C for 15 minutes to permit complete lysis. During incubation, vortex the sample for every 5 minutes.
4. Ready for RT-PCR, PCR, or RT-LAMP.

Workflow



The product is for research only; it is not for diagnostic or clinical use.