

FastGene™ RNA Kits

New level of RNA purity



- ✓ **Fast procedure delivering high-quality RNA in minutes**
- ✓ **Consistent RNA yields**
- ✓ **Ready-to-use RNA for any downstream application**
- ✓ **Basic Kit for an easy and fast purification of even fatty tissue**
- ✓ **Premium Kit for ultrapure & concentrated RNA - free of genomic DNA**

RNA of the highest quality

The FastGene® RNA Kits deliver RNA of the highest grade. The quality of RNA is measured by determining a RIN (RNA integrity number). According to the manufacturer's instructions, a RIN gives an idea of the integrity of the RNA. High quality RNA will give a RIN above 8, 10 being the maximal value. The FastGene® RNA Basic and Premium Kits purify RNA to a grade comparable to market leaders. Therefore, the RNA is in an ideal state for downstream applications, such as reverse transcription.

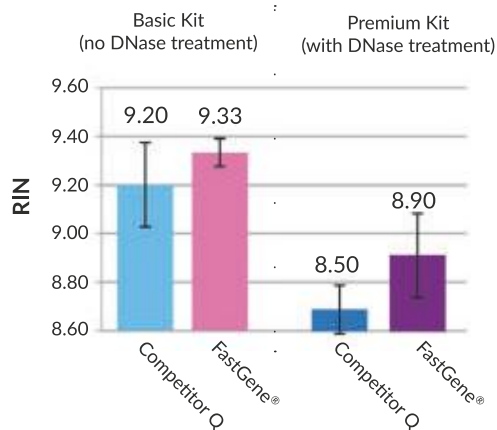
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The FastGene® RNA Premium Kit was developed for rapid, efficient, and clean purification of RNA from tissues and cells for challenging applications such as next-gen sequencing (NGS). The silica membrane based technology does not use phenols.

Very quick procedure

The FastGene® RNA Basic Kit have a very quick and easy procedure, optimal for a high number of samples. Additionally, a special protocol for large inputs was developed. The buffer necessary for large inputs can be purchased separately without the need of buying a whole kit.

Quality (RIN Score)



RNA quality determination using an Agilent Bioanalyzer. The FastGene® RNA Kits delivers high quality RNA repeatedly.

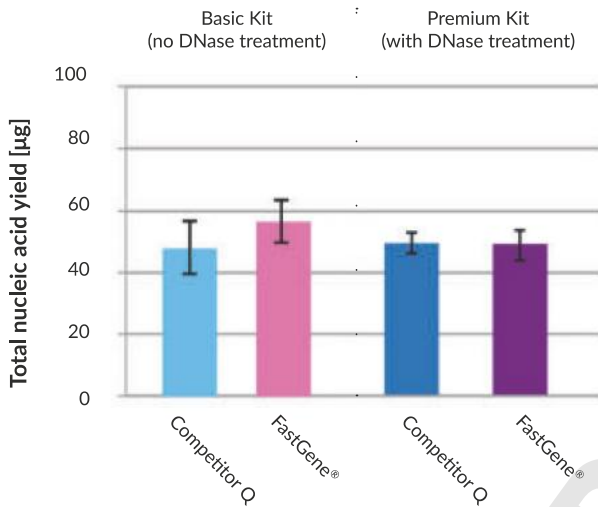
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Large yields

Obtaining a good yield from the RNA purification is essential. The FastGene® RNA Basic and Premium Kits deliver very large total yield, therefore enabling multiple analyses of a single RNA purification. When compared to the market leaders, the FastGene® RNA Basic kit delivers a higher yield showing the optimised purification procedure.

Yield



The FastGene® RNA Kits delivers very high yield.

Basic or premium?

The FastGene® RNA Kits come in two different versions. The FastGene® RNA Basic Kit is ideal for purification of RNA where small amounts of copurified DNA does not matter. Whereas the FastGene® RNA Premium Kit ensures the complete elimination of genomic DNA.



Choose the Basic Kit when small amount of copurified DNA are not a problem for you.



Choose the Premium Kit for an optimal DNA removal for very pure RNA.

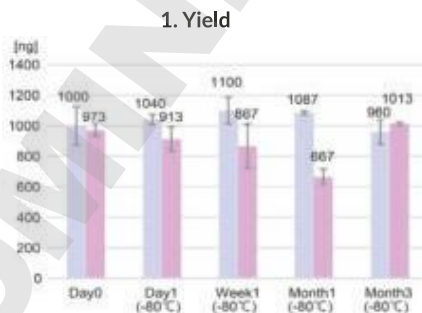
RNA stability of samples stored in RL-lysis buffer (3 month)

Background:

Ideally, the extraction of the RNA and the subsequent analysis should be carried out as quick as possible, since the RNA degrades very quickly. Depending on the timing of an experiment, it can be necessary to store the RNA before extraction.

Method:

Here, we investigated the possibility of storing the RNA in the cell lysis buffer RL at -80°C and compared the yield of RNA and the RIN score to RNA extracted from directly frozen cells.



Results/Conclusion:

The RNA yield and RIN score of a freshly prepared RNA isolation did not change when stored at -20°C or at -80°C for up to 3 months. Both yield and RIN score showed equivalent or better results than competitor Q's RNA kit.

FastGene™ RNA Kits - Sizes

BASIC



FastGene® RNA Basic (6 Preps)



FastGene® RNA Basic (50 Preps)



FastGene® RNA Basic (250 Preps)

PREMIUM



FastGene® RNA Premium (6 Preps)



FastGene® RNA Premium (50 Preps)



FastGene® RNA Premium (250 Preps)

Customer Testimonial

"I can highly recommend the FastGene® RNA Kits:

- easy protocol
- easy procedure without long waiting times
- good price-performance ratio"



Jennifer Truong
Physiological Institute,
University of Munich, Germany

More testimonials on our website
www.nippongenetics.eu



Ordering Information

Cat. No.	Product	Content
FG-80006	FastGene® RNA Basic Kit	6 Preps
FG-80050	FastGene® RNA Basic Kit	50 Preps
FG-80250	FastGene® RNA Basic Kit	250 Preps
FG-81006	FastGene® RNA Premium Kit	6 Preps
FG-81050	FastGene® RNA Premium Kit	50 Preps
FG-81250	FastGene® RNA Premium Kit	250 Preps
FG-80L025	FastGene® RNA Lysis Buffer	25 ml
FG-80L125	FastGene® RNA Lysis Buffer	125 ml