NAP-RNA FAQ

1. Why was there a decrease in the RNA recovery quantity?

Possible causes are as below. First of all, the sample was not fresh, thus causing the cells to die and the RNA degradation. Further, the operation steps were not executed solidly; the sample was not fully lysed. Last, the elution buffer must use the RNase-free H_2O. When doing the elution, place in the oven at 60°C for 10 minutes when performing elution.

2. Why was the DNA contamination present?

Please use DNase A to remove DNA.

3. Why was the Inhibition of downstream enzymatic reactions present?

It indicated the residual presence of alcohol. Place the column in the oven at 60°C for 10 minutes.

4. Why was the column clogged?

The sample was added excessively, causing the lysis step to be executed incompletely. When sucking the supernatant, avoid taking in the impurities.

5. Why was the RNA degraded?

It indicated the presence of RNase in the working environment. Please use the clean instruments or the RNase inhibitor.