

# A Test Report Demonstrating Nuclease Content of Plastic Products

- Requester : Finetech Research and Innovation Corporation
- Analyzer : Medical Analysis Lab,  
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- Goals of the tests:  
By using PCR methods, our goals of the tests were to prove that centrifuge tubes manufactured by Finetech are both DNase-free and RNase-free.

# Outline

- Goals of the tests
- A test method analyzing DNase content of centrifuge tubes
- Test results – 50 mL centrifuge tubes
- Test results – 15 mL centrifuge tubes
  
- A test method analyzing RNase content of centrifuge tubes
- Test results – 50 mL centrifuge tubes
- Test results – 15 mL centrifuge tubes
  
- Conclusions

# Test results - 50 mL centrifuge tubes

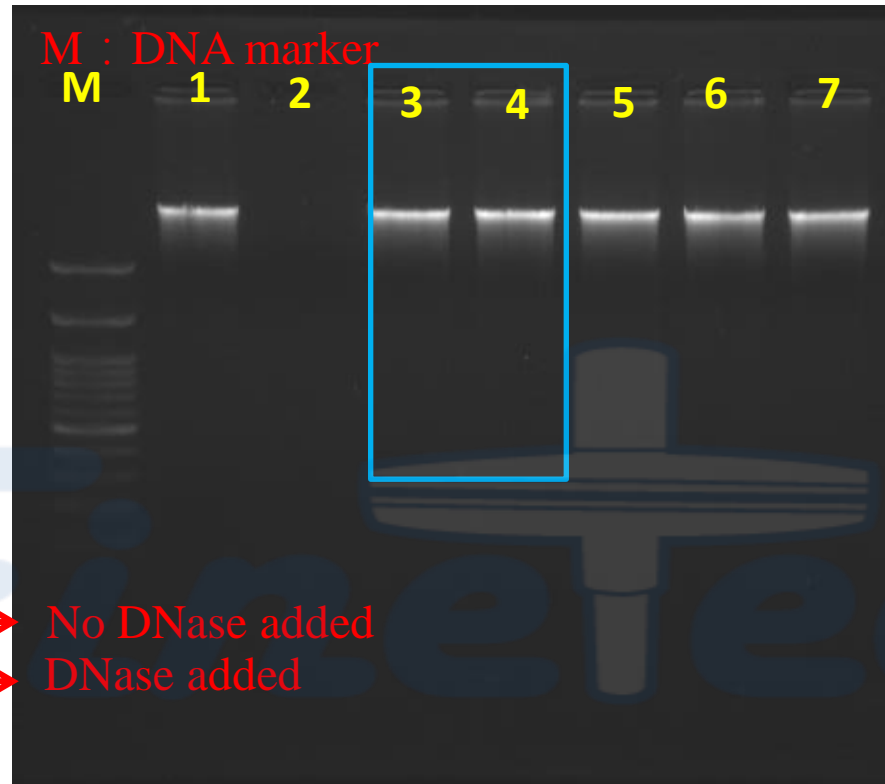


Lanes	50 mL tubes
1	Supplier A(P)
2	Supplier A(N)
3	Finetech
4	Finetech
5	Supplier B
6	Supplier C
7	Supplier D

→ No DNase added  
 → DNase added

Test results:  
 50 mL centrifuge tubes of Finetech are DNase-free

# Test results -15 mL centrifuge tubes

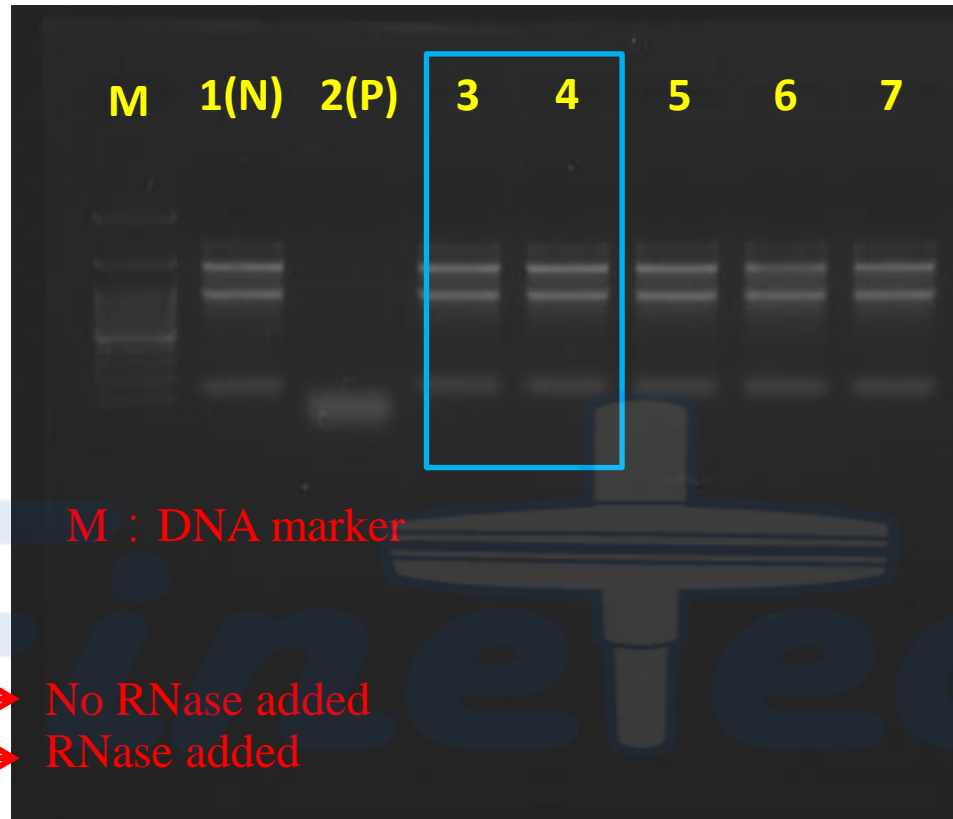


Lanes	15 mL tubes
1	Supplier A(P)
2	Supplier A(N)
3	Finetech
4	Finetech
5	Supplier B
6	Supplier C
7	Supplier D

→ No DNase added  
→ DNase added

Test results:  
15 mL centrifuge tubes of Finetech are DNase-free

# Test results - 50 mL centrifuge tubes

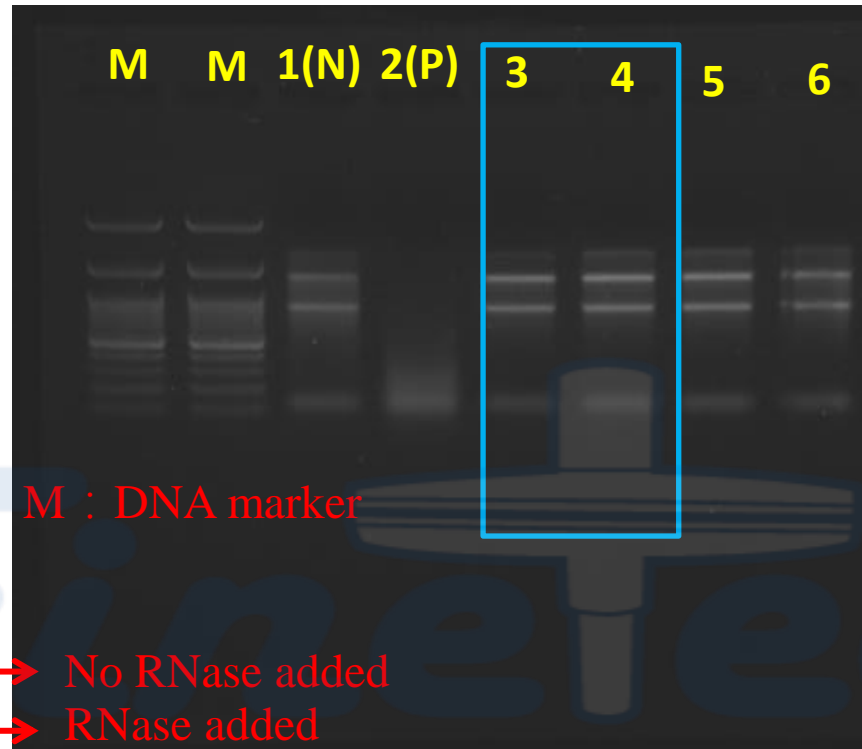


Lanes	50 mL tubes
1	Supplier A(N)
2	Supplier A(P)
3	Finetech
4	Finetech
5	Supplier B
6	Supplier C
7	Supplier D

→ No RNase added  
→ RNase added

Test results:  
50 mL centrifuge tubes of Finetech are RNase-free

# Test results - 15 mL centrifuge tubes



Lanes	15 mL tubes
1	Supplier A(N)
2	Supplier A(P)
3	Finetech
4	Finetech
5	Supplier B
6	Supplier C

→ No RNase added  
→ RNase added

Test results:  
15 mL centrifuge tubes of Finetech are RNase-free

# Conclusions

## Results of the tests:

- According to these test results, it was proven that centrifuge tubes manufactured by Finetech are both DNase-free and RNase-free.
- The quality of tubes manufactured by Finetech was assured to be as good as that of tubes produced by some well-known worldwide brands which were used as controls.

<b>Brand</b>	<b>DNase</b>	<b>RNase</b>
Finetech	—	—