

October, 2007

Subject: Modification reagents partially changed for DNA/RNA Synthesis Service

Dear customers,

Thank you for your usual order for our products and services.

Please be informed that the modification reagents we use for our DNA/RNA synthesis service are partially changed as described below.

We apologize for your inconvenience that may be caused.

Thank you for your understanding.

Please refer to our web site for more detailed information such as chemical structures and so on.

Sincerely yours,

Modification reagents changed for DNA/RNA Synthesis Service

Applied from October 9th, 2007

Modification (old)	Molecular Weight (old)	Modification (new)	Molecular Weight (new)
3' Amination (C7)	209.18	3' Amination (C6)	179.15
5' Thiol	438.14	5' Thiol	328.43
3' TAMRA (Me-dC)* ¹	1010.92	3' TAMRA* ²	621.62
3' TAMRA* ¹	623.59		

*1 The probe for real-time PCR (5'-FAM, 3'-TAMRA modified probes) is also changed.

*2 3'-TAMRA modification is available only one type.