

AmpONE™ PCR Series

Applications	AmpONE™ Taq DNA Polymerase	AmpONE™ α-Taq DNA Polymerase	AmpONE™ HS-Taq DNA Polymerase	AmpONE™ α-Pfu DNA Polymerase	AmpONE™ Fast-Pfu DNA Polymerase
Standard PCR (< 3 kb)	+++	+++	++	+	+
Hot start PCR	-	-	+++	-	-
Multiplex PCR	+	+++	++	+	+
Nested PCR	+	++	+	+	+
Amplification product size	< 5 kb	< 20 kb	< 5 kb	< 14 kb	< 20 kb
Extension Time	1 min / kb	1 min / kb	1 min / kb	2 min / kb	30 sec / kb
HQ Buffer	○	○	○	○	○
BB Solution	○	○	○	○	○

- AmpONE™ Premix and AmpMaster™ Master mix are available.
- AmpONE™ Premix and AmpMaster™ Master mix are made from AmpONE™ Taq / α-Taq / HS-Taq / α-Pfu DNA polymerase which contain all reaction components required for PCR, such as reaction buffer, dNTP, gel loading dye, stabilizer and sediment.
- AmpONE™ Premix is solution form and AmpMaster™ mix is 2-fold concentrated form.

HyperScript™ RT-PCR Series

Specifications	HyperScript™ Reverse Transcriptase	HyperScript™ First strand Synthesis Kit	HyperScript™ RT Master mix / Premix	HyperScript™ One-step RT-PCR Master mix / Premix
Origin	M-MLV	M-MLV	M-MLV	M-MLV
1-step or 2-step	2-step	2-step	2-step	1-step
Synthesis Size (Max)	13 kb	13 kb	8 kb	3 kb
Synthesis Temp. range	37 ~ 65°C	37 ~ 65°C	37 ~ 65°C	37 ~ 65°C
RNase H Activity	Reduced	Reduced	Reduced	Reduced
Type	Enzyme	All in one kit for cDNA synthesis	2X solution Master mix / Premix	2X solution Master mix / Premix