

SELECTION GUIDE: PRODUCTS FOR PCR/RT-PCR and POST- PCR

Application	PCR Product Size	Reagents/Kits Available
Standard PCR	Upto 3 kb	<ul style="list-style-type: none"> ● Taq DNA Polymerase ● PR Polymerase ● DNA Amplification Reagent kit ● GeNei™ PCR Master Mix Kit ● GeNei™ Red Dye PCR Master Mix Kit ● GeNei™ Red Taq Polymerase
	Upto 5 kb	<ul style="list-style-type: none"> ● XT-5 PCR System ● GeNei™ Long PCR 5 kb Ampli kit
HotStart PCR	Upto 2 kb	<ul style="list-style-type: none"> ● <i>Effi</i>-Taq™ DNA Polymerase
	Upto 3 kb	<ul style="list-style-type: none"> ● GeNei™ HotStart Taq DNA Polymerase ● GeNei™ HotStart PCR Master Mix
Optimisation of PCR	Upto 3 kb	<ul style="list-style-type: none"> ● GeNei™ PCR optimising kit ● GeNei™ MAGIC Amplification Kit 1 (for GC-rich PCR) using Taq DNA Polymerase ● GeNei™ MAGIC Amplification Kit 2 (for GC-rich PCR) using XT-5 PCR System ● MAGIC Amplification Solution
High Fidelity PCR	Upto 5 kb	<ul style="list-style-type: none"> ● PR Polymerase ● XT-5 PCR System ● GeNei™ Long PCR 5 kb Ampli kit
	Upto 20 kb	<ul style="list-style-type: none"> ● XT-20 PCR system ● GeNei™ Long PCR 20 kb Ampli kit
Standard RT-PCR	Tested OK for 1 kb	<ul style="list-style-type: none"> ● M-MuLV Reverse Transcriptase ● AMV Reverse Transcriptase ● GeNei™ RT-PCR Kit (AMV) ● GeNei™ M-MuLV RT-PCR Kit
One Step RT-PCR Kit	Upto 3 kb	<ul style="list-style-type: none"> ● GeNei™ One Step AMV RT- PCR Kit ● GeNei™ One Step M-MuLV RT-PCR Kit
Post-PCR DNA clean up	Upto 3 kb	<ul style="list-style-type: none"> ● Uracil DNA Glycosylase ● GeNei™ PCR Carry Over Cleanup Kit ● GeneiPure™ Quick PCR Purification Kit
Cloning of PCR products	Upto 3 kb	<ul style="list-style-type: none"> ● GeNei™ INSTANT Cloning Kit