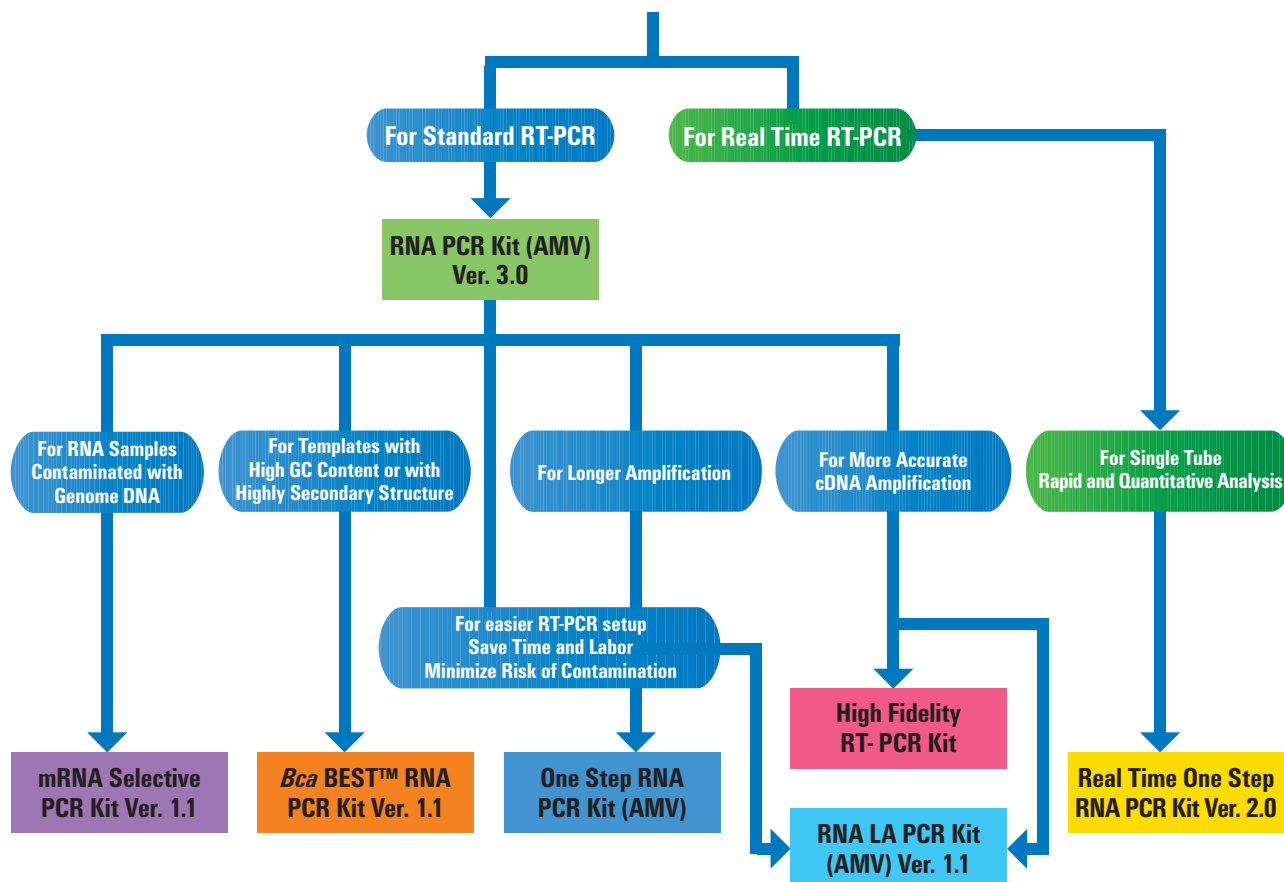


## How to select the Best RT-PCR Kit



Products	One Step RNA PCR Kit (AMV)	RNA LA PCR Kit (AMV) Ver. 1.1	RNA PCR Kit (AMV) Ver. 3.0	High Fidelity RNA PCR Kit	BcaBEST™ RNA PCR Kit Ver. 1.1	mRNA Selective PCR Kit Ver. 1.1
RNA template	Allows to use general template					
Transcriptase	AMV Reverse Transcriptase XL (Carries out transcription around 42-60°C)			BcaPLUS™ DNA Polymerase	BcaBEST™ DNA Polymerase	AMV Reverse Transcriptase XL (Carries out transcription around 42-60°C)
Chain length of transcription	≤ 12.2 kbp			≤ 7.5 kbp		-
DNA polymerase	AMV-Optimized Taq	TaKaRa LA Taq™	TaKaRa Ex Taq HS	Pyrobest DNA polymerase	Bca-Optimized Taq	AMV-Optimized Taq
Chain length of amplification	Can be extended up to 5.6 kbp	Can be extended up to 12.2 kbp	Can be extended up to 10.0 kbp	Can be extended up to 5.0 kbp		Can be extended up to 2.0 kbp
Component of 3'-RACE method	Not supplied	Supplied			Not supplied	
Property	Designed for continuous RT-PCR in a single tube	Designed for long PCR with guaranteed capacity of RT-PCR amplification up to 12.2 kbp	The most universal RT-PCR system with higher sensitivity, accuracy and specificity	Highly accurate amplification of cDNA from RNA forming highly secondary structure	Useful for synthesizing cDNA from RNA forming highly secondary structure	Useful for selective amplification of cDNA derived from RNA contaminated with genomic DNA