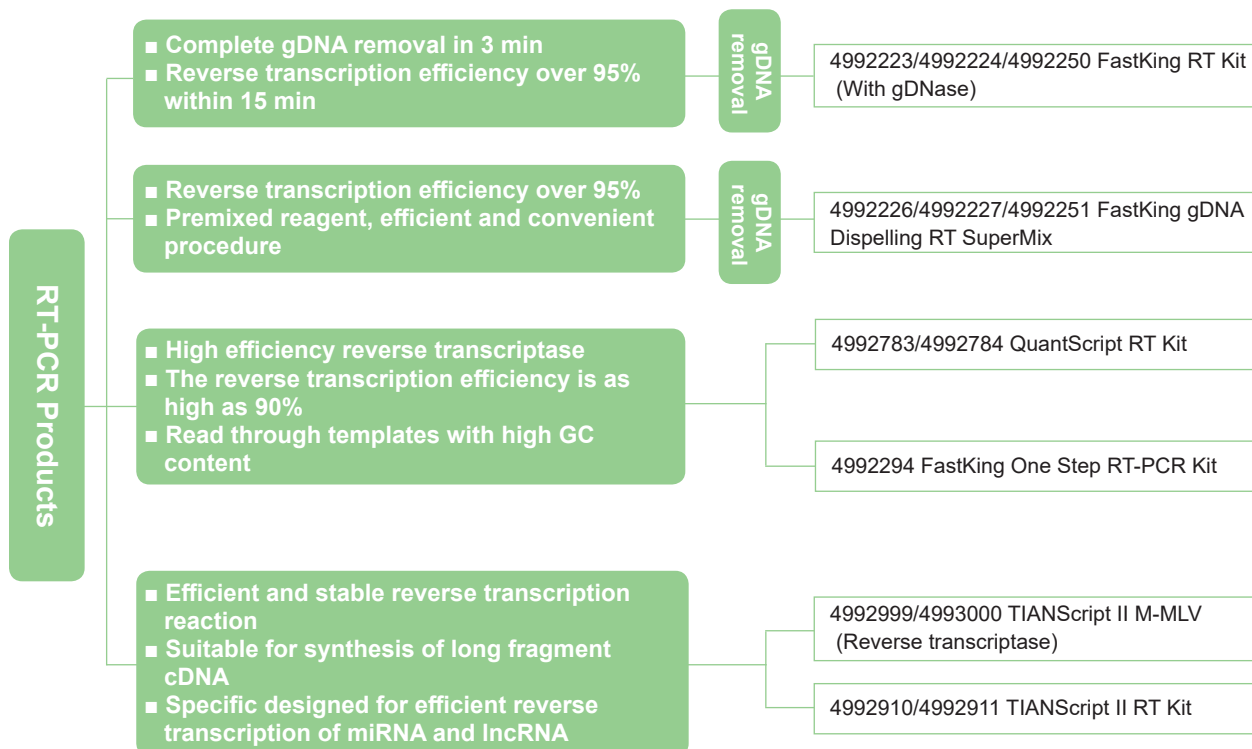


## Products Guide: RT-PCR Product Series



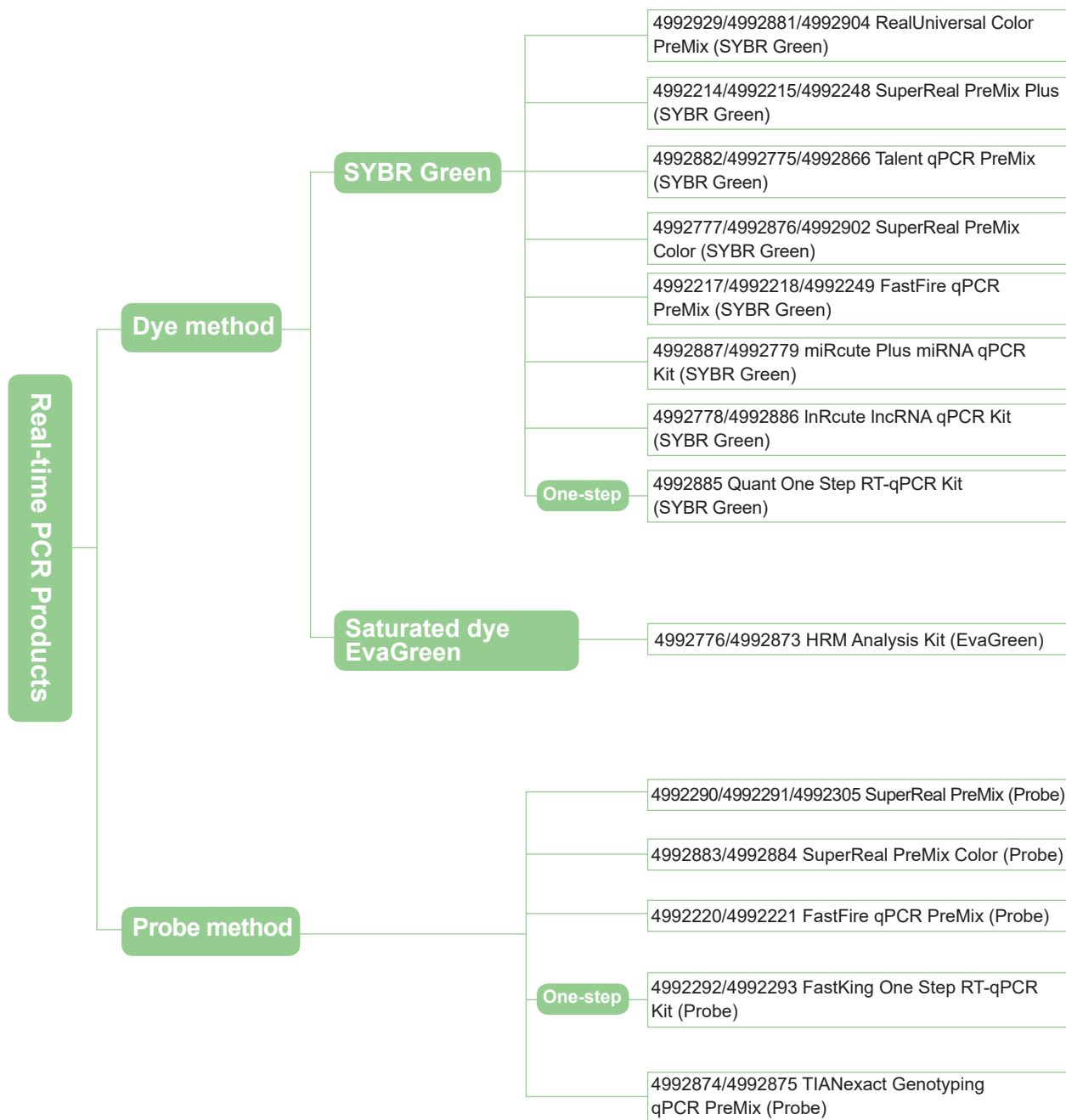
## Products Guide: RT Product Series

According to different experimental requirements, TIANGEN has developed various RT products with different characteristics, such as the reverse transcription reagent FastKing RT Kit, which can completely remove gDNA residue, and TIANScript II RT Kit, which is especially suitable for long template transcription. Users can choose according to specific experimental requirements.

Product name	FastKing RT Kit (With gDNase)	FastKing RT Super Mix	TIANScript II RT kit
Cat. No.	4992223/4992224/4992250	4992226/4992227/4992251	4992910/4992911
RT efficiency	★★★★★	★★★★★	★★★★☆
gDNA removal	+	+	-
Reaction Time	21 min	18 min	90 min
Convenience	★★★★☆	★★★★★	★★★☆☆
Complex template	★★★★☆	★★★★☆	★★★★★
Product length	<6 kb	<6 kb	<14 kb
Recommendation	High-efficient synthesis of gDNA-Free cDNA templates. Suitable for various complex templates and impurity residue templates, and is most suitable for fluorescence quantitative PCR detection.	Unique Mix formula, gDNA removal and RT can be completed within 18 min by simply adding templates and primers. It is most suitable for ordinary RT-PCR and qPCR detection.	Ideal for templates with complex structures and long fragment templates.

Note: gDNA residue will have a serious impact on the results of high-sensitive real-time qPCR experiments, so gDNA removal is essential.

# Products Guide: Fluorescent Quantitative PCR Product Series



## Product Guide : qPCR Product Series

In the field of fluorescence quantitative PCR, TIANGEN has innovatively developed ——SuperReal series of dual-enzyme fluorescence quantitative reagents with strong specificity and high amplification efficiency, allowing you to obtain the best experimental results, and the FastFire series, which is the fastest fluorescent quantitative reagent in the market that can improve your work efficiency and saves experiment time. In addition, TIANGEN also provides sensitive and efficient Genotyping reagents of dye-based and probe-based methods for genotyping, SNP identification and other research.

### SYBR Green Product Series

Produce name	Cat. No.	Component	Reaction time (including melting curve)	Specificity	Ct value	Fluorescence signal	Stability	Highlights
SuperReal PreMix Plus (SYBR Green)	4992214/ 4992215/ 4992248	Premixed Mix(containing SYBR Green), single-tube ROX	100 min	★★★★★	★★★★★	★★★★★	★★★★★	High specificity, strong stability and wider adaptability of templates and instruments
Talent qPCR PreMix (SYBR Green)	4992882/ 4992866 4992775	Premixed Mix(containing SYBR Green), single-tube ROX	70 min	★★★★★	★★★★★	★★★★★	★★★★★	Strong stress resistance, strong amplification capability and rapid reaction, and is suitable for complex templates,
FastFire qPCR PreMix (SYBR Green)	4992217/ 4992218/ 4992249	Premixed Mix(containing SYBR Green), single-tube ROX	45 min	★★★★★	★★★★★	★★★★★	★★★★☆	Rapid reaction, high fluorescence signal and strong amplification capability
SuperReal PreMix Color (SYBR Green)	4992777 4992876	Premixed Mix(containing SYBR Green), single-tube ROX	100 min	★★★★★	★★★★★	★★★★☆	★★★★★	High specificity, strong stability. Supplied with color indicator, which is convenient for preparing large amount of sample.
RealUniversal Color PreMix (SYBR Green)	4992929/ 4992881	Premixed Mix(containing SYBR Green), single-tube ROX	100 min	★★★★★	★★★★★	★★★★☆	★★★★☆	Cost-effective and is supplied with color indicator, which is convenient for preparing large amount of sample.

### Probe Method and Genotyping Product Series

Produce name	Cat. No.	Highlight
SuperReal PreMix (Probe)	4992290/ 4992291/ 4992305	Strong stability and amplification ability, can be applied to accurately detect low abundance templates such as viruses and microorganisms.
FastFire qPCR PreMix (Probe)	4992220/ 4992221	Fast and efficient probe reagent , one of the fastest probe assay reagents on the market at present.
SuperReal PreMix Color (Probe)	4992883/ 4992884	Strong stability, strong amplification ability, high sensitivity, accurate data. Supplied with color indicator, which is convenient for detecting large amount of samples.
FastKing One Step RT-qPCR Kit(Probe)	4992292/ 4992293	One-step reverse transcription and probe fluorescence quantification are completed with strong amplification capability, high sensitivity and wide linear range.
TIANexact Genotyping qPCR PreMix (Probe)	4992874/ 4992875	Strong stress resistance and accurate probe SNP analysis reagent.
HRM Analysis Kit (EvaGreen)	4992776 4992873	High sensitivity, good sample repeatability, high resolution melting curve analysis reagent based on saturated dye.