



## qMAXSen™ qPCR MasterMixes

Exceptional Sensitivity, Specificity  
& Performance for Real-Time PCR



### About Canvax™

Since 2001, Canvax™ has been an Original Manufacturer & Supplier of the Most Innovative Solutions, Services, Kits and R&D Reagents inside the Life Sciences field. **Awarded as Most Innovative Company in 2014, with 10 Technologies Patented Worldwide or Unprecedented Milestones achieved**, Canvax™ markets all its unmatched know-how, exclusive Expertise and worldwide leading R&D knowledge through its Reliable, Cost-effective and Easy-to-use Innovative Solutions.

### qPCR

Quantitative PCR (**qPCR**), also known as **Real-Time PCR**, has become a relevant tool in all **Life Sciences labs**, due its ability for simultaneously detection and quantification of DNA/RNA. **Canvax™ qMAXSen™ products are an optimized MasterMixes** which includes all the components required for real-time PCR, except sample DNA and Primers.

**qMAXSen™** qPCR MasterMixes offers an exceptional Sensitivity and Performance for the two most used qPCR methods: **intercalating Green Dyes based or Probe-based assays**. Also shows a great versatility due its compability with the most used real-time PCR instruments and **includes the option of ROX™** as the internal passive reference dye which the reporter-dye signal can be normalized during data analysis. Learn more at [qpcr.canvaxbio.com](http://qpcr.canvaxbio.com).

Canvax™ qMAXSen™ qPCR Kits has been Nominee as  
“Best New Life Sciences Product of 2018” at Scientists’ Choice Awards®.

### One-Step MasterMixes

Canvax™ One-Step qPCR MasterMixes offers **greater quality, specificity, sensitivity, and yields in cDNA Synthesis** and qPCR in a single tube. qMAXSen™ incorporates **breakthrough innovations**, contains all the reagents needed, except PCR Primers, Template or Probes (if applies) needed for running PCR reactions and it is **compatible with most common Instruments**. In addition, includes a separate RT Mix that comprises a balanced mixture of both RTase and RNase Inhibitor.

### Benefits & Advantages:

- ✓ **Nominee by thousands labs worldwide as Best New Life Sciences Product of the Year**
- ✓ **Relevant Cost-Savings** over other suppliers.
- ✓ **Enhanced specificity, sensitivity, and yields in cDNA Synthesis.**
- ✓ **Versatile:** compatible with most used real-time PCR instruments.
- ✓ **Convenient:** includes internal passive reference dye option.
- ✓ **Easy:** reaction assembly.
- ✓ **Thermostable:** extremely active Reverse Transcriptase and advanced RNase inhibitor
- ✓ **Rapid extension** rate for early Ct values.
- ✓ **Products in stock:** Ready-to-ship immediately
- ✓ **Risk-free:** products covered by Canvax™ Risk-Free Guarantee.
- ✓ **Free Samples available**



## Traditional qPCR

qMAXSen™ qPCR Mastermix, offers **exceptional Sensitivity, Performance & signal-to-noise ratio** in real-time PCR protocols. Supplied as stabilized 2x reaction mixture, is a convenient and easy, ready-to-use premix to perform qPCR. The optimized **MasterMix includes all the components** required for running PCR reactions, except PCR Primers and template, to ensure fast and easy preparation with a minimum of pipetting steps.

### Benefits & Advantages:

- ✓ **Exceptional Sensitivity.**
- ✓ **High Specificity.**
- ✓ **Versatile:** compatible with most used real-time PCR instruments.
- ✓ **Convenient:** includes internal passive reference dye option.
- ✓ **Great signal-to-noise ratio.**
- ✓ **Safe:** minimize contamination risk due its optimized protocol that reduces pipetting steps
- ✓ **Accurate Quantification.**
- ✓ **Relevant Cost-Savings** over other suppliers.
- ✓ **Longer Shelf life:** 24 months from the date of purchase due a novel manufacturing process
- ✓ **Products in stock:** Ready-to-ship immediately.
- ✓ **Risk-free:** products covered by Canvax™ Risk-Free Guarantee.



Product	Description	Cat. No.	Size
qMAXSen™ One-Step Green RT-qPCR Kit	Low ROX™	E0831	100 rxn
		E0833	500 rxn
	High ROX™	E0832	100 rxn
		E0834	500 rxn
qMAXSen™ One-Step Probe RT-qPCR Kit	High ROX™	E0842	100 rxn
		E0854	500 rxn
	Low ROX™	E0841	100 rxn
		E0853	500 rxn
qMAXSen™ Green qPCR MasterMix	w/o ROX™	E0530	2 x 1.25 mL (250 rxn)
		E0534	4 x 1.25 mL (500 rxn)
		E0535	16 x 1.25 mL (2,000 rxn)
		E0540	4 x 12.5 mL (5,000 rxn)
	Low ROX™	E0531	2 x 1.25 mL (250 rxn)
		E0537	4 x 1.25 mL (500 rxn)
		E0538	16 x 1.25 mL (2,000 rxn)
		E0541	4 x 12.5 mL (5,000 rxn)
	High ROX™	E0532	2 x 1.25 mL (250 rxn)
		E0539	4 x 1.25 mL (500 rxn)
		E0546	16 x 1.25 mL (2,000 rxn)
		E0542	4 x 12.5 mL (5,000 rxn)
qMAXSen™ Probe qPCR Mastermix	Low ROX™	E0334	2 x 1.25 mL (250 rxn)
		E0342	4 x 1.25 mL (500 rxn)
		E0343	16 x 1.25 mL (2,000 rxn)
		E0344	4 x 12.5 mL (5,000 rxn)
	ROX™	E0339	2 x 1.25 mL (250 rxn)
		E0340	4 x 1.25 mL (500 rxn)
		E0341	16 x 1.25 mL (2,000 rxn)
		E0345	4 x 12.5 mL (5,000 rxn)

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