vivantis

Real-time PCR Kits
& Master Mixes

ViPrimePLUS qPCR/RT-qPCR Series

Genes are complex.
Detecting & quantifying them shouldn't be.

ViPrimePLUS qPCR/RT-qPCR Kits

We offer more than 200 kits for detection and quantification of pathogens in human and veterinary as well as meat identification.

Features

Advanced	: Equipped with Taqman probe technology
Broad Selections	: Wide selection of kits for more than 200 subtypes of pathogens
Rapid	: Fast and Easy protocol
Reliable	: Reliable quantification & confirmation of results by inclusion of internal extraction control
Sensitive	: Sensitive to <100 copies of target genome of pathogens
Specific	: Highly specific genome detection

- Human Infection qPCR/RT-qPCR Kits
- Veterinary Infection qPCR/RT-qPCR Kits
- Meat Identification qPCR Kits

ViPrimePLUS qPCR/RT-qPCR Master Mixes

Features

Convenient	: Optimum performance for real-time PCR/RT-PCR reaction set up
Advanced	: Various formulation optimized with Hot Start *Taq*, thermostable M-MULV enzyme, SybrGreen dye, ROX dye
Broad Choices	: Lyophilized and solution form available
Sensitive	: Reliable quantification of low-abundance transcripts
Fast & Easy	: Minimum handling time and errors
Flexibility	: Compatible with most of the real-time PCR platforms

www.vivantechnologies.com

Pairing Nature with
Scientific Discoveries

vivantis

Master mixes selection guidelines for system compatibility

To calibrate a real-time PCR reaction, various formulations of Master Mixes are available for most of the platforms.

Representation	Compatible Hardware
Original (No ROX)	Analytik Jena qTower series, BioRad iCycler all series, BioRad CFX96 & CFX384, Cepheid SmartCycler®, Eppendorf Mastercycler series, Fluidigm BioMark™, Illumina Eco, MJ Chromo4, Opticon, PCRMax Eco™, Roche lightcycler® series, Qiagen RotorGene, Thermo PikoReal™
Low ROX (LR)	Agilent / Stratagene MX MX3000P®, MX3005P®, MX4000®, Applied Biosystems 7500 and 7500 FAST platform, QuantStudio™, ViiA7
ROX (R)	Applied Biosystems 7000, 7300, 7700,7900 and 7900HT FAST platforms, OpenArray PRISM 7000, 7700, 7900, GeneAmp® 5700, StepOne™, StepOne™ PLUS

ViPrimePLUS qPCR/RT-qPCR Master Mixes

Superior performance for high efficiency qPCR work

ViPrimePLUS qPCR/RT-qPCR Master Mixes are next generation mixes designed for rapid and convenient real-time PCR reactions. The ready-to-use master mixes comprise of all necessary PCR components at optimal concentration to achieve excellent results in reaction efficiency, correlation coefficient and slope. Our master mixes are highly sensitive to detect the extremely low copy number of targets. They are also designed to prevent the formation of primer dimers and non-specific products which render in highly reliable quantification. Various types and formulations of real-time PCR master mixes are available to be compatible with most of the real-time PCR instruments in the market.

ViPrimePLUS Real-time PCR Master Mixes with At*Taq* DNA Polymerases

DNA Master Mixes	No ROX	Low ROX	ROX
Original	QLMM01	QLMM01-LR	QLMM01-R
Premixed with SYBR® Green	QLMM02	QLMM02-LR	QLMM02-R
Premixed with EvaGreen®	QLMM07	QLMM07-LR	QLMM07-R
RNA Master Mixes	**No ROX**	**Low ROX**	**ROX**
Original	QLMM03	QLMM03-LR	QLMM03-R
Premixed with SYBR® Green	QLMM04	QLMM04-LR	QLMM04-R
Premixed with EvaGreen®	QLMM08	QLMM08-LR	QLMM08-R

ViPrimePLUS Real-time PCR Master Mixes with *Taq* DNA Polymerases

DNA Master Mixes	No ROX	Low ROX	ROX
Original	QLMM11	QLMM11-LR	QLMM11-R
Premixed with SYBR® Green	QLMM12	QLMM12-LR	QLMM12-R
Premixed with EvaGreen®	QLMM17	QLMM17-LR	QLMM17-R
RNA Master Mixes	**No ROX**	**Low ROX**	**ROX**
Original	QLMM13	QLMM13-LR	QLMM13-R
Premixed with SYBR® Green	QLMM14	QLMM14-LR	QLMM14-R
Premixed with EvaGreen®	QLMM18	QLMM18-LR	QLMM18-R

SYBR® is a registered trademark of Molecular Probes, Inc., now owned by Life Technologies, Inc. EvaGreen® is a registered trademark of Biotium, Inc. ROX™ is a trademark of Applera Corporation or its subsidiaries in the US and certain other countries.

For research use only. Not for use in diagnostic procedures.

Ordering Information

Catalog No	Description	Pack Size
At*Taq* DNA Polymerase	**ViPrimePLUS At*Taq* qPCR/RT-qPCR Master Mixes, Solution Form**	
QLMM01	ViPrimePLUS At*Taq* qPCR MasterMix	150 reactions
QLMM01-LR	ViPrimePLUS At*Taq* qPCR MasterMix with Low ROX	150 reactions
QLMM01-R	ViPrimePLUS At*Taq* qPCR MasterMix with ROX	150 reactions
QLMM02	ViPrimePLUS At*Taq* qPCR Green MasterMix I (SYBR® Green Dye)	150 reactions
QLMM02-LR	ViPrimePLUS At*Taq* qPCR Green MasterMix I with Low ROX (SYBR® Green Dye)	150 reactions
QLMM02-R	ViPrimePLUS At*Taq* qPCR Green MasterMix I with ROX (SYBR® Green Dye)	150 reactions
QLMM03	ViPrimePLUS One Step At*Taq* RT-qPCR MasterMix	150 reactions
QLMM03-LR	ViPrimePLUS One Step At*Taq* RT-qPCR MasterMix with Low ROX	150 reactions
QLMM03-R	ViPrimePLUS One Step At*Taq* RT-qPCR MasterMix with ROX	150 reactions
QLMM04	ViPrimePLUS One Step At*Taq* RT-qPCR Green MasterMix I (SYBR®Green Dye)	150 reactions
QLMM04-LR	ViPrimePLUS One Step At*Taq* RT-qPCR Green MasterMix I with Low ROX (SYBR® Green Dye)	150 reactions
QLMM04-R	ViPrimePLUS One Step At*Taq* RT-qPCR Green MasterMix I with ROX (SYBR® Green Dye)	150 reactions
QLMM07	ViPrimePLUS At*Taq* qPCR Green MasterMix II (EvaGreen® Dye)	150 reactions
QLMM07-LR	ViPrimePLUS At*Taq* qPCR Green MasterMix II with Low ROX (EvaGreen® Dye)	150 reactions
QLMM07-R	ViPrimePLUS At*Taq* qPCR Green MasterMix II with ROX (EvaGreen® Dye)	150 reactions
QLMM08	ViPrimePLUS One Step At*Taq* RT-qPCR Green MasterMix II (EvaGreen® Dye)	150 reactions
QLMM08-LR	ViPrimePLUS One Step At*Taq* RT-qPCR Green MasterMix II with Low ROX (EvaGreen® Dye)	150 reactions
QLMM08-R	ViPrimePLUS One Step At*Taq* RT-qPCR Green MasterMix II with ROX (EvaGreen® Dye)	150 reactions
QLMM09	ViPrimePLUSHigh 5X One Step RT-qPCR Master Mix	100 reactions
QLMM10	ViPrimePLUSHigh 4X One Step RT-qPCR Green Master Mix I (SYBR® Green Dye)	100 reactions
	ViPrimePLUS qPCR/RT-qPCR Master Mixes, Lyophilized Form	
QLMM05	ViPrimePLUS Lyophilized qPCR MasterMix	150 reactions
QLMM06	ViPrimePLUS Lyophilized One Step RT-qPCR MasterMix	150 reactions

Ordering Information

Catalog No	Description	Pack Size
Taq DNA Polymerase	ViPrimePLUS *Taq* qPCR/RT-qPCR Master Mixes, Solution Form	
QLMM11	ViPrimePLUS *Taq* qPCR MasterMix	150 reactions
QLMM11-LR	ViPrimePLUS *Taq* qPCR MasterMix with Low ROX	150 reactions
QLMM11-R	ViPrimePLUS *Taq* qPCR MasterMix with ROX	150 reactions
QLMM12	ViPrimePLUS *Taq* qPCR Green MasterMix I (SYBR® Green Dye)	150 reactions
QLMM12-LR	ViPrimePLUS *Taq* qPCR Green MasterMix I with Low ROX (SYBR® Green Dye)	150 reactions
QLMM12-R	ViPrimePLUS *Taq* qPCR Green MasterMix I with ROX (SYBR® Green Dye)	150 reactions
QLMM13	ViPrimePLUS One Step *Taq* RT-qPCR MasterMix	150 reactions
QLMM13-LR	ViPrimePLUS One Step *Taq* RT-qPCR MasterMix with Low ROX	150 reactions
QLMM13-R	ViPrimePLUS One Step *Taq* RT-qPCR MasterMix with ROX	150 reactions
QLMM14	ViPrimePLUS One Step *Taq* RT-qPCR Green MasterMix I (SYBR®Green Dye)	150 reactions
QLMM14-LR	ViPrimePLUS One Step *Taq* RT-qPCR Green MasterMix I with Low ROX (SYBR® Green Dye)	150 reactions
QLMM14-R	ViPrimePLUS One Step *Taq* RT-qPCR Green MasterMix I with ROX (SYBR® Green Dye)	150 reactions
QLMM17	ViPrimePLUS *Taq* qPCR Green MasterMix II (EvaGreen® Dye)	150 reactions
QLMM17-LR	ViPrimePLUS *Taq* qPCR Green MasterMix II with Low ROX (EvaGreen® Dye)	150 reactions
QLMM17-R	ViPrimePLUS *Taq* qPCR Green MasterMix II with ROX (EvaGreen® Dye)	150 reactions
QLMM18	ViPrimePLUS One Step *Taq* RT-qPCR Green MasterMix II (EvaGreen® Dye)	150 reactions
QLMM18-LR	ViPrimePLUS One Step *Taq* RT-qPCR Green MasterMix II with Low ROX (EvaGreen® Dye)	150 reactions
QLMM18-R	ViPrimePLUS One Step *Taq* RT-qPCR Green MasterMix II with ROX (EvaGreen® Dye)	150 reactions