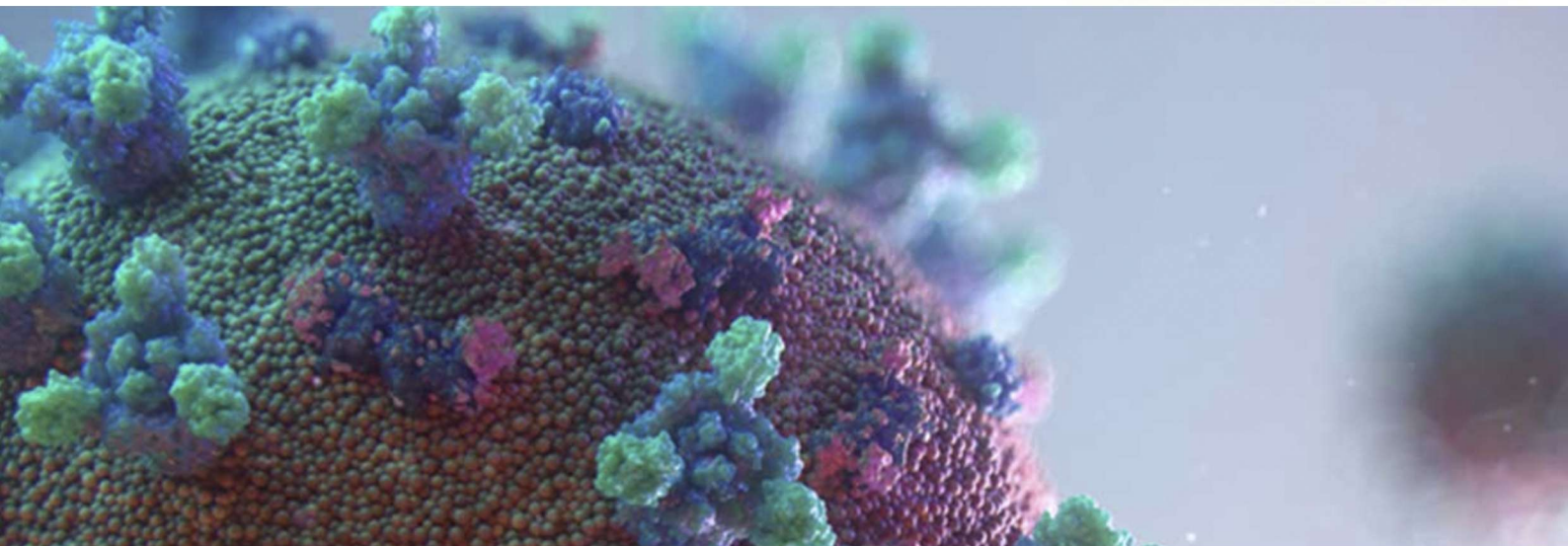


Primerdesign Master Mixes



PRIMER DESIGN



Suitable across all sectors
and for all qPCR applications

Master Mixes

Our range of sensitive and accurate Master Mixes offer unique enzyme/buffer combinations that allow you to get the best from your testing. Whether you are looking for fast results, optimal multiplexing capability, or simply a reliable cost-effective testing process, our Master Mixes are developed to suit you and your testing requirements.



oasig Standard	oasig OneStep	oasigPLUS
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Application	Speciation testing. Pathogen detection. Multiplexing	Pathogen detection	Pathogen detection. Multiplexing
+ROX*	yes	yes	yes
Target	DNA	RNA	RNA
Concentration	2x	2x	2x
Multiplex	+++	n/a	+++
Inhibitor Resistant	+	No	+

Unlocking Precision in Every Drop: Elevate Your Diagnostic Potential with Our Superior qPCR Master Mixes!

*Rox passive reference dye not suitable for multiplex assays above 2 targets.

oasig™ Lyophilised Master Mixes

The oasig™ lyophilised Master Mixes provide superior quality and performance. Lyophilisation allows a more flexible approach to qPCR set up and reagent storage for a wide range of applications across sectors.

oasig™ Standard Lyophilised Master Mix

Application: For a variety of assays such as gene expression studies from cDNA, pathogen detection (bacteria, fungi, DNA viruses, parasites), genotyping and genomic target detection. Compatible with probe-based assays.

Product Features:

- ✓ For use with DNA pathogens
- ✓ Suitable for multiplexing
- ✓ Broad detection range
- ✓ Exceptional data quality
- ✓ Suitable for all qPCR machines
- ✓ Lyophilised – no need for cold chain shipping

Available with Rox.



oasig™ OneStep Lyophilised Master Mix

Application: For a variety of assays, such as gene expression studies directly from RNA and pathogen detection (bacteria, fungi, RNA/DNA viruses, parasites). Compatible with probe-based assays.

Following resuspension, oasig™ Lyophilised OneStep Master Mix contains the required components for one-step RealTime PCR analysis in a single reaction mix. oasig™ Lyophilised OneStep Master Mix is suitable as a broad application Master mix and has demonstrated high performance in the presence of RNA extracted from clinical sample types (anterior nasal swabs, throat swabs).

Product Features:

- ✓ Convenient one-step, closed tube reaction
- ✓ For use with RNA/DNA pathogens
- ✓ Broad detection range
- ✓ Demonstrated performance with clinical samples
- ✓ Suitable for all qPCR machines
- ✓ Lyophilised – no need for cold chain shipping



Available with Rox.

oasig™ PLUS OneStep Lyophilised Master Mix

Applications: Introduces a unique technology that eliminates RTase activity at room temperature, making this Master Mix ideal for multiplexing of RNA and DNA pathogens.

Multiplex RNA assays are of an increased risk of non-specific artefact formation (e.g. primer dimers) due to increased number of primers.

This is caused by the Reverse transcriptase (RTase), the enzyme required to drive the PCR of RNA targets, being active at room temperature during reaction setup when primers are bound in a non-specific fashion.

Addition of a unique technology that eliminates room temperature RTase activity allows the user greater freedom to prepare qPCR reactions at room temperature and set up time does not impact performance.

NEW

Product Features:

- ✓ For use with RNA and DNA assays
- ✓ Optimal multiplexing performance
- ✓ Increased sensitivity at low copy
- ✓ Improved endpoint/ reduction of artefact formation



Available with Rox.

Master Mix Ordering Information

Catalogue No.	Product Description	Kit Size
Z-oasig-standard-150	oasig Lyophilised 2X qPCR Master Mix	150 rxn
Z-oasig-onestep-150	oasig Lyophilised OneStep 2XRT-qPCR Master Mix	150 rxn
R01070, R01071	oasigPLUS OneStep Lyophilised 2X RT-qPCR Master Mix	50, 150 rxn



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PRIMER
DESIGN

For more information on our mastermixes visit victoryscientific.com or contact us at cs@victoryscientific.com