



Human diagnostics solutions

Our mission is to improve the detection of DNA and RNA for more accurate disease diagnoses by bringing bespoke, high-quality molecular biology reagents to the healthcare and biotechnology markets.

We develop lyophilization-compatible PCR reagents for direct incorporation into molecular diagnostic tests for the reliable and reproducible detection of viruses, bacteria, fungi and cancer biomarkers. Our products are designed and manufactured to industry standards and are available in customized formats and formulations to meet your specifications.

Master Mix Solutions

qPCR Mix	411100.S	5 mL
<i>2x qPCR master mix ideally suited to multiplex assays</i>		
One-Step RT-qPCR Mix C01	801101.S	5 mL
<i>2x One-step RT-qPCR master mix and 20x RT/RI enzyme mix for detection of RNA and DNA targets</i>		
One-Step RT-qPCR Mix C03	801103.S	5 mL
<i>2x One-step RT-qPCR master mix and 20x RT/RI enzyme mix for detection of viral pathogens</i>		
Lyo PCR Master Mix	401100.S	5 mL
<i>2x qPCR master mix, lyophilization compatible</i>		
Lyo RT-PCR Master Mix dU	501200.S	5 mL
<i>2x one-step RT-qPCR master mix containing dUTP for detection of RNA and DNA targets, lyophilization compatible</i>		
Lyo RT-PCR Master Mix	501100.S	5 mL
<i>2x One-step RT-qPCR master mix for detection of RNA and DNA targets, lyophilization compatible</i>		
Lyo RT-PCR Master Mix dU	501200.S	5 mL
<i>2x one-step RT-qPCR master mix containing dUTP for detection of RNA and DNA targets, lyophilization compatible</i>		
5x qPCR Mix	411300.S	2 mL
<i>5x qPCR master mix formulated to maximize sample input</i>		

Master Mix Solutions are available in bulk and custom pack sizes and can be customized to suit specific assay requirements, including UDG-compatibility, and addition of passive reference and intercalating dyes

Enzyme & Reagent Solutions

Glycerol-Free Taq™ “201101.S”	201101.S	1,000 U
<i>50 U/μL glycerol-free Taq DNA polymerase, lyophilization compatible</i>		
Glycerol-Free HS Taq	201500.S	1,000 U
<i>5 U/μL glycerol-free hot-start Taq DNA polymerase, lyophilization compatible</i>		
10,000x Reverse Transcriptase	331300.S	10,000 U
<i>500 U/μL M-MLV reverse transcriptase, lyophilization compatible</i>		
Glycerol-Free RNase Inhibitor	101100.S	5,000 U
<i>40 U/μL RNase inhibitor, lyophilization compatible</i>		
RT/RI Enzyme Mix	311201.S	500 μL
<i>20x reverse transcriptase and RNase inhibitor mix for RT-qPCR applications</i>		
Anti-Taq Monoclonal Antibody	101300.S	500 μg
<i>dNTP mixture containing dATP, dGTP, dTTP, dCTP at 25 mM each</i>		
dNTP Mix, 100 mM	601100.S	400 μL
<i>dNTP mixture containing dA, dG, dT, dC at 25 mM each</i>		

For more information about Apto-Gen or our products:

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