



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

Lyo PCR Master Mix	401102.5	5 mL
<i>Lyophilizable 2x qPCR master mix</i>		
Lyo RT-PCR Master Mix II	801101.5	5 mL
<i>Lyophilizable 2x RT-qPCR master mix for detection of RNA and DNA targets</i>		
Lyo RT-PCR Master Mix II SF02	801207.3A75	500 reactions
<i>Lyophilizable RT-qPCR master mix supplied in separate format for user optimization</i>		
qPCR Mix II	411102.5	5 mL
<i>2x qPCR master mix for detection of multiplexed gene and pathogen targets</i>		
qPCR Mix Dx	401103.5	5 mL
<i>Low DNA 2x qPCR master mix for detection of single copy targets, lyophilization compatible</i>		
One-Step RT-qPCR Mix C03	811203.5	5 mL
<i>2x one-step RT-qPCR master mix for detection of bacterial and viral pathogens</i>		
cDNA Synthesis Mix	814100.2	500 reactions
<i>5x master mix for rapid and unbiased first-strand cDNA synthesis</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.A02	1,000 U
<i>50 U/μL glycerol-free, low-DNA Taq DNA polymerase, lyophilization compatible</i>		
Glycerol-Free HS Taq	201200.A05	1,000 U
<i>20 U/μL glycerol-free, low-DNA hot-start Taq DNA polymerase, lyophilization compatible</i>		
10,000x Reverse Transcriptase II	331302.A002	1,000 U
<i>500 U/μL M-MLV reverse transcriptase, lyophilization compatible</i>		
RT-RI Enzyme Mix II	311202.A5	500 μL
<i>20x reverse transcriptase and RNase inhibitor mix for RT-qPCR applications</i>		
Glycerol-Free RNase Inhibitor	101100.A05	2,000 U
<i>40 U/μL RNase inhibitor, lyophilization compatible</i>		
Anti-Taq Monoclonal Antibody	101300.A017	500 μg
<i>30 mg/mL anti-Taq monoclonal antibody, lyophilization compatible</i>		
dNTP, 100 mM	601100.A4	40 μmol
<i>dNTP mixture containing dATP, dCTP, dGTP, dTTP at 25 mM each</i>		

For more information about Apto-Gen and our products:
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