

Xfast™ & Efast™ Superfast Reagent

XDive® | Xtractor™ | myNAT™

OnsiteGene, Inc. has developed a series of efficient, stable, and user-friendly ultra-fast fluorescent qPCR reagents and rapid nucleic acid extraction kits to support high-speed PCR workflows. Customized kit solutions are also available to meet specific customer needs.



Reagents for XDive® 5-minute real time PCR

Product	Description	Cat. #
Xfast™ qPCR Premix		
Xfast™ HS qPCR Dried Premix	Dried powder, for superfast amplification of purified DNA in multiplex qPCR with high sensitivity	RE001103
Xfast™ Direct qPCR Dried Premix	Dried powder for superfast amplification of crude extract DNA from swab samples in multiplex qPCR	RE001105
Xfast™ RT-qPCR Premix		
Xfast™ HS RT-qPCR Dried Premix	Dried powder for superfast amplification of purified RNA in multiplex RT-qPCR with high sensitivity	RE001303
Xfast™ Direct RT-qPCR Dried Premix	Dried powder for superfast amplification of crude extracted RNA from swab samples in multiplex RT-qPCR	RE001305

Reagents and Consumables for Xtractor™ 5-minute Nucleic Acid Extractor

Reagents and Consumables	Description	Quantity/ Pack	Cat. #
Efast™ Viral DNA/RNA Purification Kit	Rapid DNA/RNA isolation from swabs. Processing time: 5 minutes	100 Preps	KT110101
Efast™ General DNA/RNA Purification Kit	General DNA/RNA purification (serum, plasma, swabs). Processing time: 15 minutes	100 Preps	KT110201
Efast™ gDNA Purification Kit	Genomic DNA purification from human blood; Automated processing available	100 Preps	KT110301
Efast™ Fungus Purification Kit	DNA/RNA purification from various fungal samples; Automated processing available	100 Preps	KT110401
Efast™ GP Bacteria Purification Kit	For purification of any type of Galanz Positive bacteria from wild range of sample types; Automate processing are available	100 Preps	KT110501
Efast™ GN Bacteria Purification Kit	For purification of any type of Galanz Negative bacteria from wild range of sample types; Automate processing are available	100 Preps	KT110601
Efast™ Stool DNA/RNA Purification Kit	DNA/RNA purification from stool samples; Automated processing available	100 Preps	KT110701
Magnetic rod sleeve	Used to protect the magnetic rod in nucleic acid extraction experiment from contamination.	200 items	CM102001
Deep-well plate	96-well Polypropylene Sample Processing & Storage Plates. Low binding PP; Volume (Metric) Well: 2200µl	100 items	CM102002
Strip (Single Sample Use)	For processing scattered individual samples	100 items	CM102003

Test Kits for myNAT™ Sample-to-Answer Panel Analyzer

Infectious Disease Test Kits	Description	Cat. #
Xfast™ Respi Panel 1 (FluA/FluB/RSV/SARS-CoV-2) Detection Kit	Influenza A, Influenza B, Respiratory syncytial virus(A/B), SARS-CoV-2, Internal control	RE002105
Xfast™ Respi Panel 2 (BoV/ADV/PIVs/EV) Detection Kit	Human Bocavirus, Adenovirus, Parainfluenza virus, EV-D68, Internal control	RE002106
Xfast™ Respi Panel 3 (hMPV/ADV/CoV/HPeV) Detection Kit	Human metapneumovirus, Human rhinovirus, Coronavirus, Human parechovirus, Internal control	RE002107
Xfast™ Respi Panel 4 (CP/MP/LP/B. pertussis) Detection Kit	Chlamydia pneumoniae, Mycoplasma pneumoniae, Legionella pneumophila, Bordetella pertussis, Internal control	RE002108
Xfast™ Respi Panel 5 (S. pneumoniae / S. aureus / S. agalactiae / S. pneumoniae) Detection Kit	Streptococcus pneumoniae, Streptococcus aureus, Streptococcus agalactiae, Streptococcus pneumoniae, Internal control	RE002109
Xfast™ Respi Panel 6 (ECC/H. influenzae/E. coli./ Acb complex) Detection Kit	Enterobacter cloacae complex, Haemophilus influenzae, Escherichia coli, Acinetobacter calcoaceticus-baumannii complex, Internal control	RE002110
Xfast™ Respi Panel 7 (M. catarrhalis/K. aerogenes /K. oxytoca/K. pneumoniae group) Detection Kit	Moraxella catarrhalis, Klebsiella aerogenes, Klebsiella oxytoca, Klebsiella pneumoniae group, Internal control	RE002111
Xfast™ Respi Panel 8 (Proteus/P. aeruginosa/ S. marcescens./ B. parapertussis) Detection Kit	Proteus spp., Pseudomonas aeruginosa, Serratia marcescens, Bordetella parapertussis, Internal control	RE002112
Xfast™ GI Panel 1 (NoV/RVA/Astro/Sapo) Detection Kit	Norovirus (GI/GII), Rotavirus A, Astrovirus, Sapovirus, Internal control	RE002113
Xfast™ GI Panel 2 (C. difficile/P. shigel./Salmonella/ V. cholerae) Detection Kit	Clostridioides difficile, Plesiomonas shigelloides, Salmonella spp., Vibrio cholerae, Internal control	RE002114
Xfast™ GI Panel 3 (L. monocytogenes/Y. enterocolitica / Campylobacter/ Shigella) Detection Kit	Listeria monocytogenes, Yersinia enterocolitica, Campylobacter, Shigella spp., Internal control	RE002115
Xfast™ STI Panel (Neisseria gonorrhoeae/ Chlamydia trachomatis/ Mycoplasma genitalium/ Trichomonas vaginalis) Detection Kit	Detect and differentiate between clinically relevant targets found in sexually transmitted infections.	RE002116
Xfast™ AMR Panel 1 Detection Kit	Rapid detection of antibiotic resistance genes Including KPC, NDM, OXA-48, VIM, Internal Control	RE002117
Xfast™ AMR Panel 2 Detection Kit	Rapid detection of antibiotic resistance genes Including vanA/B, MCR-1, CTX-M, IMP, Internal Control	RE002118
Xfast™ Made-To-Order Panel Detection Kit	Custom selection of up to four pathogen targets plus Internal control. Contact us for bespoke configurations.	RE002119

Customizable Non-clinical Test Kits

Customs inspection panel / Food safety testing panel / Animal testing and identification panel / Aquaculture testing panel / Import and export inspection, quarantine and testing panel / CDC testing panel / Pets, veterinary testing panel / Water Safety Testing panel / Agricultural genetic testing panel / Scientific research laboratory testing panel



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