

2024: Expanding NZYtech's Real-Time PCR Portfolio for Enhanced Pathogen Screening

In 2024, NZYtech significantly expanded its range of Real-Time PCR kits, offering cutting-edge solutions for pathogen screening with high sensitivity and specificity, enabling early detection and effective monitoring of a broader spectrum of infectious pathogens.

NZYtech has implemented a powerful, state-of-the-art sequence surveillance protocol, ensuring continuous exclusivity and inclusivity in pathogen detection. This advanced system guarantees that our Real-Time PCR kits remain precise and effective, consistently adapting to the latest genomic variations, thereby safeguarding the accuracy and reliability of pathogen monitoring.

The 26 Real-time PCR Kits launched throughout 2024:

Catalogue number	Product name	Number of reactions
MD07381	Bordetella bronchiseptica qPCR Kit	100 reactions
MD07391	Borrelia burgdorferi sensu lato qPCR Kit	100 reactions
MD07401	Chlamydia spp. qPCR Kit	100 reactions
MD07411	Lawsonia intracellularis qPCR Kit	100 reactions
MD07431	Paenibacillus larvae qPCR Kit	100 reactions
MD07441	Schmallenberg Virus RT-qPCR Kit	100 reactions
MD07451	Streptococcus dysgalactiae qPCR Kit	100 reactions
MD07461	Clostridium difficile (toxins A and B) qPCR Kit	100 reactions
MD07571	Ehrlichia species qPCR Kit	100 reactions
MD07581	Chlamydia pneumoniae qPCR Kit	100 reactions
MD07591	Burkholderia mallei qPCR Kit	100 reactions
MD07601	Campylobacter coli qPCR Kit	100 reactions
MD07611	Haemophilus influenzae qPCR Kit	100 reactions
MD07621	Moraxella catarrhalis qPCR Kit	100 reactions
MD07631	Mycoplasma hominis qPCR Kit	100 reactions
MD07641	Dirofilaria immitis qPCR Kit	100 reactions
MD07651	Ureaplasma parvum qPCR Kit	100 reactions
MD07661	Ureaplasma urealyticum qPCR Kit	100 reactions
MD07671	Hepatitis C virus RT-qPCR Kit	100 reactions
MD07681	Hepatitis Delta virus RT-qPCR Kit	100 reactions
MD07691	Human T-lymphotropic virus 1 RT-qPCR Kit	100 reactions
MD07701	Human T-lymphotropic virus 2 RT-qPCR Kit	100 reactions
MD07931	PRRSV EU & NA RT-qPCR Kit	100 reactions

MD06931	Monkeypox virus clade Ib qPCR Kit	100 reactions
MD07901	MRSA Multiplex Real-time PCR Kit (for Alinity m)	48 reactions
MD07902	MRSA Multiplex Real-time PCR Kit (for Alinity m)	16 reactions

The 9 New Quantitative qPCR Standard Kits launched throughout 2024:

Catalogue number	Product name	Quantity
MD07341	Influenza A virus H5N1 Quantitative qPCR Standard	0,1 mL
MD07521	Feline coronavirus Quantitative qPCR Standard	0,1 mL
MD07531	Feline Immunodeficiency virus Quantitative qPCR Standard	0,1 mL
MD07541	Canine Distemper virus Quantitative qPCR Standard	0,1 mL
MD07551	Feline Leukemia virus Quantitative qPCR Standard	0,1 mL
MD06951	Salmonella spp. Quantitative qPCR Standard	0,1 mL
MD07501	Porcine circovirus 2 Quantitative qPCR Standard	0,1 mL
MD07511	Aeromonas salmonicida Quantitative qPCR Standard	0,1 mL
MD07861	Ehrlichia canis Quantitative qPCR Standard	0,1 mL

NZYtech's current Real-time PCR Kits portfolio:

- 181 Real-Time PCR Kits

Most kits are also available in a new 8-reaction format and in customizable panels. Easy-to-use kits with pre-mixed, lyophilized reagents for easy and accurate pathogen screening.

- 36 Quantitative qPCR Standard Kits

Providing precise genome quantification to enhance accuracy and reliability.

Regular Surveillance Ensures Reliable Detection Solutions

We continuously monitor our Real-Time PCR kits' performance through regular surveillance and *in-silico* analysis of primers and probes against the latest genomic data, ensuring our partners receive safe, reliable, and up-to-date solutions.

Sustainable Shipping Conditions at Room temperature

Eco-friendly low carbon-footprint shipping while maintaining product quality.