

NATtrol™

RESPIRATORY CONTROLS & PANELS

A BREATH OF FRESH AIR IN RESPIRATORY CONTROLS AND PANELS FOR MDX ASSAYS



ZeptoMetrix® NATtrol™ is the most trusted brand of third-party molecular diagnostic QC for respiratory testing. Utilizing ZeptoMetrix NATtrol Molecular Controls on a consistent basis helps to monitor testing performance and provides additional confidence in the quality and reliability of clinical laboratory operations.

What really matters to your lab: Refrigerated ready-to-use + Non-infectious + Whole microorganisms + Mimics a true clinical specimen

- Can be used across various molecular testing platforms and assays
- Available in different formats (single or multiple analytes)
- Full process controls to monitor extraction and amplification steps
- Train and monitor laboratory personnel
- Evaluate lot-to-lot consistency of test kits and assay reagents



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ZeptoMetrix®

Qualitative

Part Number	Product Description	Target	Use*	Platform(s)**
Adenovirus				
NATADV1-ST	Adenovirus Type 1 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATADV3-ST	Adenovirus Type 3 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATADV4-ST	Adenovirus Type 4 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATADV5-ST	Adenovirus Type 5 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATADV7A-ST	Adenovirus Type 7A Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
Adenovirus/Human Metapneumovirus/Rhinovirus (AdV/hMPV/HRV)				
NATAMR-ERC	AdV/hMPV/HRV Control (6 x 0.5mL)		RUO	Hologic® Panther Fusion®
Bordetella pertussis/parapertussis				
NATBRD-6L	B. pertussis/parapertussis Positive Control (6 x 0.25 mL)		RUO	Focus Simplexa™, Luminex® ARIES®
Coronavirus				
NATCOV(229E)-ST	Coronavirus 229E Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCOV(NL63)-ST	Coronavirus NL63 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCOV(OC43)-ST	Coronavirus OC43 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATSARS-ST	Coronavirus SARS Stock (1 mL)	25 to 28 Ct	RUO	Applied Biosystems QuantStudio, Real-time PCR
Human Metapneumovirus (HMPV)				
NATHMPV-ST	HMPV Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
Human Rhinovirus				
NATHRV-STN	Human Rhinovirus Type 1A Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
Influenza				
NATCXVA9-6MC	Influenza Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATFVP(XP)-C	Influenza Verification Panel (18 x 0.5mL)		RUO	Cepheid® GeneXpert®
Influenza A				
NATFLUAH1-ERCL	Influenza A H1 External Run Control, Low (6 x 1 mL)	28 to 31 Ct	RUO	Focus Simplexa™, Real-time PCR
NATFLUAH1-ERCM	Influenza A H1 External Run Control, Medium (6 x 1 mL)	25 to 28 Ct	RUO	Focus Simplexa™, Real-time PCR
NATFLUAH1-ST	Influenza A H1 Virus Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATFLUAH1N1-ERCL	Influenza A H1N1 External Run Control, Low (6 x 1 mL)	28 to 31 Ct	RUO	Focus Simplexa™, Real-time PCR
NATFLUAH1N1-ERCM	Influenza A H1N1 External Run Control, Medium (6 x 1 mL)	25 to 28 Ct	RUO	Focus Simplexa™, Real-time PCR
NATFLUAH1N1-6MC	Influenza A H1N1 Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATFLUAH3-ST	Influenza A H3 Virus Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
Influenza B				
NATFLUB-ERCL	Influenza B External Run Control, Low (6 x 1 mL)	28 to 31 Ct	RUO	Focus Simplexa™, Real-time PCR
NATFLUB-ERCM	Influenza B External Run Control, Medium (6 x 1 mL)	25 to 28 Ct	RUO	Focus Simplexa™, Real-time PCR
NATFLUB-ST	Influenza B Virus Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
Influenza A/B				
NATFLUAB-6C	Influenza A/B Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Roche cobas® Liat®
NATFLUA/B-6MC	Influenza A/B Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATFLUAB-6C-IVD	Influenza A/B Positive Control (6 x 0.5 mL)		CE IVD	Cepheid® GeneXpert®
Influenza/Respiratory Syncytial Virus				
NATCXVA9-6C	Influenza/RSV Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATCXVA9-6C-IVD	Influenza/RSV Negative Control (6 x 0.5 mL)		CE IVD	Cepheid® GeneXpert®
NATFLURSV-6L	Influenza/RSV Positive Control (6 x 0.25 mL)		RUO	Luminex® ARIES®
NATFLURSV-6C	Influenza/RSV Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Hologic® Panther Fusion®
NATFVP-NNS	Influenza/RSV Verification Panel (7 x 0.5 mL)		RUO	Abbott ID NOW™, Luminex® VERIGENE®, Roche cobas® Liat®
NATFRVP-C	Influenza/RSV Verification Panel (21 x 0.5 mL)		RUO	Cepheid® GeneXpert®
Influenza/Respiratory Syncytial Virus/SARS-Related Coronavirus 2				
NATCV9-6C	Influenza/RSV/SARS-CoV-2 Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Roche cobas® Liat®
NATCV9-6C-IVD	Influenza/RSV/SARS-CoV-2 Negative Control (6 x 0.5 mL)		CE IVD	Cepheid® GeneXpert®, Roche cobas® Liat®
NATFRC-6C	Influenza/RSV/SARS-CoV-2 Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Roche cobas® Liat®
NATFRC-6C-IVD	Influenza/RSV/SARS-CoV-2 Positive Control (6 x 0.5 mL)		CE IVD	Cepheid® GeneXpert®, Roche cobas® Liat®
Middle East Respiratory Syndrome-Coronavirus (MERS-CoV)				
NATMERS-ST	MERS-CoV Stock (1 mL)	25 to 28 Ct	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATMR-BIO	MERS Recombinant Pack (2 x 0.2mL, 1 x 0.5 mL) - International Sales Only		RUO	BioFire® FilmArray®
NATCOV(MR)-BIO	MERS-Saccharomyces cerevisiae Recombinant External Run Control (1 x 0.6 mL) - International Sales Only		RUO	BioFire® FilmArray®
Parainfluenza				
NATPIV-ERC	Parainfluenza Control (6 x 0.5 mL)		RUO	Hologic® Panther Fusion®
NATPARA1-ST	Parainfluenza Virus Type 1 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATPARA2-ST	Parainfluenza Virus Type 2 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATPARA3-ST	Parainfluenza Virus Type 3 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATPARA4-ST	Parainfluenza Virus Type 4 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR

*RUO = Research Use Only; CE IVD = In Vitro Diagnostic with European CE mark, Notified Body code 2797

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Qualitative (continued)

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Pneumocystis jirovecii				
NATPJI-ERC	P. jirovecii Recombinant External Run Control (6 x 0.5 mL)	23 to 25 Ct	RUO	Applied Biosystems QuantStudio, Real-time PCR
Pneumonia				
NATPPA-BIO	Pneumonia Panel - Atypical Bacteria & Viruses (12 x 0.2 mL, 2 x 1.2 mL)		RUO	BioFire® FilmArray®
NATPPQ-BIO	Pneumonia Panel - Quantifiable Bacteria (17 x 0.2 mL, 3 x 1.2 mL)		RUO	BioFire® FilmArray®
Respiratory Panels				
NATRSPC-BIO NEW	Respiratory Panel (RSP) Controls (12 x 0.3 mL)		RUO	BIOFIRE® SPOTFIRE®
NATRCP2.1-BIO	Respiratory Panel 2.1 (RP2.1) Controls (12 x 0.3 mL)		RUO	BioFire® FilmArray®
NATRPC-NNS	Respiratory Pathogen Control (12 x 0.25 mL)		RUO	Luminex® VERIGENE®
NATRPP-1	Respiratory Pathogen Panel 1 (6 x 0.25 mL)		RUO	Luminex® MAGPIX®
NATRVP-NNS	Respiratory Verification Panel (15 x 0.5 mL; 2 x 1 mL)		RUO	Luminex® VERIGENE®
NATRVP-GMK	Respiratory Verification Panel (20 x 0.2 mL)		RUO	GenMark® ePlex®
NATRSP-BIO NEW	Respiratory Verification Panel (23 x 0.6 mL; 5 x 1.8 mL)		RUO	BIOFIRE® SPOTFIRE®
NATRMP-BIO NEW	Respiratory Verification Panel Mini (6 x 0.6 mL; 2 x 1.8 mL)		RUO	BIOFIRE® SPOTFIRE®
NATRVP2-QIA	Respiratory Verification Panel 2 (21 x 0.25 mL)		RUO	QIAGEN® QIAstat-Dx®
NATRVP2.1-BIO	Respiratory Verification Panel 2.1 (24 x 0.6 mL)		RUO	BioFire® FilmArray®
Respiratory Syncytial Virus (RSV)				
NATRSV-6C	RSV Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Roche cobas® Liat®
NATRSV-6C-IVD	RSV Positive Control 6 x 0.5 mL)		CE IVD	Cepheid® GeneXpert®
NATRSVA-ST	RSV Type A Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATRSVB-ST	RSV Type B Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
SARS-Related Coronavirus 2 (SARS-CoV-2)				
NATSARS(COV2)-NEG-IVD NEW	SARS-CoV-2 Negative Control (6 x 0.5 mL)	50,000 cells/mL	CE IVD	Abbott ID NOW™, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR
NATSARS(COV2)-NEG1-IVD NEW	SARS-CoV-2 Negative Control (6 x 1 mL)	50,000 cells/mL	CE IVD	Abbott ID NOW™, BD MAX™, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR, Visby Medical™
NATSARS(COV2)-ERC-IVD NEW	SARS-CoV-2 Positive Control (6 x 0.5 mL)	39,700 to 62,900 copies/mL	CE IVD	Abbott ID NOW™, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR
NATSARS(COV2)-ERC1-IVD NEW	SARS-CoV-2 Positive Control (6 x 1 mL)	39,700 to 62,900 copies/mL	CE IVD	Abbott ID NOW™, BD MAX™, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR, Visby Medical™

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Adenovirus				
NATADV1-STQ	Adenovirus Type 1 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATADV3-STQ	Adenovirus Type 3 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Influenza/Respiratory Syncytial Virus/SARS-Related Coronavirus 2				
NATFRC-ERC NEW	Influenza/RSV/SARS-CoV-2 External Run Control (6 x 0.5 mL)	15,000 copies/mL	RUO	Real-time PCR
Haemophilus influenzae				
NATHIN-STQ	H. influenzae Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Influenza A				
NATFLUAH1-STQ	Influenza A H1 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATFLUAH1(2009)-STQ	Influenza A H1N1pdm Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATFLUAH3-STQ	Influenza AH3 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Influenza B				
NATFLUB-STQ	Influenza B Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Klebsiella pneumoniae				
NATKPN-STQ	K. pneumoniae Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Mycoplasma pneumoniae				
NATMPN(M129)-ERCL	M. pneumoniae M129 External Run Control, Low (6 x 1 mL)	5,000 copies/mL	RUO	Real-time PCR
NATMPN(M129)-ERCM	M. pneumoniae M129 External Run Control, Medium (6 x 1 mL)	50,000 copies/mL	RUO	Real-time PCR
Respiratory Syncytial Virus (RSV)				
NATRSVA-STQ	RSV Type A Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATRSVB-STQ	RSV Type B Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
SARS-Related Coronavirus 2 (SARS-CoV-2)				
NATSARS(COV2)-ERC	SARS-CoV-2 External Run Control (6 x 0.5 mL)	50,000 copies/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR
NATSARS(COV2)-ERC1	SARS-CoV-2 External Run Control (6 x 1 mL)	50,000 copies/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BD MAX™, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR, Visby Medical™
NATSARS(COV2)-NEG	SARS-CoV-2 Negative Control (6 x 0.5 mL)	50,000 cells/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR
NATSARS(COV2)-NEG1	SARS-CoV-2 Negative Control (6 x 1 mL)	50,000 cells/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BD MAX™, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, Luminex® ARIES®, QIAGEN® QIAstat-Dx®, Real-time PCR, Visby Medical™
NATSARS(COV2)-ST	SARS-CoV-2 Stock (1 mL)	1,000,000 copies/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BioFire® FilmArray®, Cepheid® GeneXpert®, GenMark® ePlex®, QIAGEN® QIAstat-Dx®, Real-time PCR
NATSARS(COV2-UK)-ST	SARS-CoV-2 Variant B.1.1.7 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATSARS(COV2-SA)-ST	SARS-CoV-2 Variant B.1.351 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATSARS(COV2)-VP	SARS-CoV-2 Variant Panel (4 x 0.5 mL)	50,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
SARS-Related Coronavirus 2 (SARS-CoV-2) Omicron				
NATCOV2(OMC)-ERC	SARS-CoV-2 Omicron External Run Control (6 x 0.5 mL)	50,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR

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