



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 QC for infectious disease 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 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®
an antylia scientific company






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 applied as applicable

UK Conformity Assessed (UKCA) marking is a conformity mark that indicates conformity with the applicable requirements for products sold within Great Britain, Notified Body code 0086 applied to product labeling as applicable

Qualitative (continued)

| Part Number | Product Description | Target | Use* | Platform(s)** |
|--|---|----------------------------|---|---|
| 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 | 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 | Respiratory Verification Panel (23 x 0.6 mL; 5 x 1.8 mL) | | RUO | BIOFIRE® SPOTFIRE® |
| NATRMP-BIO | 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® |
| NATRSPX-BIO | RSP Sore Throat Supplement (2 x 0.6 mL) | | RUO | BIOFIRE SPOTFIRE |
| 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 | SARS-CoV-2 Negative Control (6 x 0.5 mL) | 50,000 cells/mL | CE IVD  | Cepheid® GeneXpert®, Real-time PC |
| NATSARS(COV2)-NEG1-IVD | SARS-CoV-2 Negative Control (6 x 1 mL) | 50,000 cells/mL | CE IVD  | Cepheid® GeneXpert®, Real-time PC |
| NATSARS(COV2)-ERC-IVD | SARS-CoV-2 Positive Control (6 x 0.5 mL) | 39,700 to 62,900 copies/mL | CE IVD  | Cepheid® GeneXpert®, Real-time PC |
| NATSARS(COV2)-ERC1-IVD | SARS-CoV-2 Positive Control (6 x 1 mL) | 39,700 to 62,900 copies/mL | CE IVD  | Cepheid® GeneXpert®, Real-time PC |

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Quantitative

| Part Number | Product Description | Target | Use* | Platform(s)** |
|---|--|---------------------|------|---|
| 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 | 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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4841_ZM_SS011_Rev13_NATtrol_Respiratory Effective Date 04/18/2024