

# NATtrol™

CRITICAL INFECTIOUS DISEASE CONTROLS & PANELS

## CRITICAL INFECTIOUS DISEASES ARE NO MATCH WITH OUR MOLECULAR CONTROLS

ZeptoMetrix® NATtrol™ is the most trusted brand in third-party molecular diagnostic QC for critical 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 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)
- Monitor extraction and amplification steps with full process controls
- Train and monitor laboratory personnel
- Evaluate lot-to-lot consistency of test kits and assay reagents



ZEPTOMETRIX.COM +1.800.274.5487

**ZeptoMetrix®**

## Qualitative

Part Number	Product Description	Target	Use*	Platform(s)**
<b>Chikungunya Virus</b>				
NATCIKV-ST	Chikungunya Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
<b>Coxsackievirus</b>				
NATCXVA9-ST	Coxsackievirus Type A9 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCXVB3-ST	Coxsackievirus Type B3 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCXVB4-ST	Coxsackievirus Type B4 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCXVB5-ST	Coxsackievirus Type B5 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
<b>Echovirus</b>				
NATECHO6-ST	Echovirus Type 6 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATECHO11-ST	Echovirus Type 11 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
<b>Enterovirus (EV)</b>				
NATEVNEG-6MC	EV Negative Control (6 x 0.2 mL)		RUO	Cepheid® GeneXpert®
NATEVP-C	EV Panel (20 x 0.2 mL)		RUO	Cepheid® GeneXpert®
NATEVPOS-6MC	EV Positive Control (6 x 0.2 mL)		RUO	Cepheid® GeneXpert®
<b>Global Fever</b>				
NATGFP-BIO <b>NEW</b>	Global Fever Panel (22 x 0.3 mL)		RUO	BioFire® FilmArray®
<b>Herpes Simplex Virus (HSV)</b>				
NATHSV-6L	HSV 1 & 2 Positive Control (6 x 0.25 mL)		RUO	Luminex® ARIES®
<b>Human Herpes Virus (HHV)</b>				
NATHHV6-ST	HHV Type 6B Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATHHV7-ST	HHV Type 7 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATHHV8-ST	HHV Type 8 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
<b>Human T-Lymphotropic Virus (HTLV)</b>				
NATHTLVI-ST	HTLV Type I Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATHTLVII-ST	HTLV Type II Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
<b>Joint Infection</b>				
NATJIP-BIO	Joint Infection Verification Panel (32 x 0.2 mL, 5 x 1.4 mL)		RUO	BioFire® FilmArray®
<b>Meningitis/Encephalitis (ME)</b>				
NATMEC-BIO	ME Controls (12 x 0.2 mL)		RUO	BioFire® FilmArray®
NATMEP-BIO	ME Panel (14 x 0.4 mL)		RUO	BioFire® FilmArray®
NATMEP-QIA	ME Panel (16 x 0.25 mL)		RUO	QIAGEN® QIAstat-Dx®
<b>Mouse Hepatitis Virus (MHV)</b>				
NATMHV-ST	MHV Stock (1 mL)	22 to 25 Ct	RUO	Applied BioSystems QuantStudio, Real-time PCR
<b>Mpox Virus</b>				
NATMPXVNEG-6C <b>NEW</b>	Mpox Virus Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATMPXVPOS-6C <b>NEW</b>	Mpox Virus Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
<b>Mycobacterium tuberculosis (MTB)</b>				
NATMTBP-C	MTB Verification Panel (5 x 0.6 mL, 6 x 1.6 mL)		RUO	Cepheid® GeneXpert®
<b>Strep A</b>				
NATSDG-6MC	Strep A Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATSPY-6L	Strep A Positive Control (6 x 0.25 mL)		RUO	Luminex® ARIES®
NATSPY-6MC	Strep A Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATSAVP1-C	Strep A Verification Panel (24 x 0.1 mL)		RUO	Cepheid® GeneXpert®
<b>Zika Virus</b>				
NATZIKV(PRV)-ERCL	Zika Virus (PRVABC59) External Run Control, Low (6 x 1 mL)	28 to 31 Ct	RUO	Real-time PCR
NATZIKV(PRV)-ERCM	Zika Virus (PRVABC59) External Run Control, Medium (6 x 1 mL)	25 to 28 Ct	RUO	Real-time PCR
NATZIKV(PRV)-RV	Zika Virus (PRVABC59) Range Verification Panel (4 x 0.5 mL)		RUO	Real-time PCR
NATZIKV(PRV)-ST	Zika Virus (PRVABC59) Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATZIKV-ERCL	Zika Virus External Run Control, Low (6 x 1 mL)	28 to 31 Ct	RUO	Real-time PCR
NATZIKV-ERCM	Zika Virus External Run Control, Medium (6 x 1 mL)	25 to 28 Ct	RUO	Real-time PCR
NATZIKV-RV	Zika Virus Range Verification Panel (4 x 0.5 mL)		RUO	Real-time PCR
NATZIKV-ST	Zika Virus Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR

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## Quantitative

Part Number	Product Description	Target	Use*	Platform(s)**
<b>BK Virus (BKV)</b>				
NATBK-ERCL	BKV External Run Control, Low (6 x 1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATBK-ERCM	BKV External Run Control, Medium (6 x 1 mL)	1,000,000 copies/mL	RUO	Focus Simplexa™, Real-time PCR
NATBK-LIN	BKV Linearity Panel (6 x 0.25 mL)	10,000; 100,000; 1,000,000; 10,000,000; and 100,000,000 copies/mL	RUO	Real-time PCR
<b>Cytomegalovirus (CMV)</b>				
NATCMV-STQ	CMV Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATCMV-0001	CMV Strain: AD-169 (1 mL)	400 copies/mL	RUO	Real-time PCR
NATCMV-0002	CMV Strain: AD-169 (1 mL)	5,000 copies/mL	RUO	Real-time PCR
NATCMV-0003	CMV Strain: AD-169 (1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATCMV-0004	CMV Strain: AD-169 (1 mL)	50,000 copies/mL	RUO	Real-time PCR
NATCMV-0005	CMV Strain: AD-169 (1 mL)	100,000 copies/mL	RUO	Real-time PCR
NATCMV-ERCL	CMV Strain: AD-169 External Run Control, Low (6 x 1 mL)	5,000 copies/mL	RUO	Focus Simplexa™, Real-time PCR
NATCMV-ERCM	CMV Strain: AD-169 External Run Control, Medium (6 x 1 mL)	50,000 copies/mL	RUO	Focus Simplexa™, Real-time PCR
NATCMV-LIN	CMV Strain: AD-169 Linearity Panel (6 x 0.25 mL)	500; 5,000; 50,000; 500,000; and 5,000,000 copies/mL	RUO	Focus Simplexa™, Real-time PCR
<b>Epstein-Barr Virus (EBV)</b>				
NATEBV-STQ	EBV Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATEBV-0001	EBV Strain: B95-8 (1 mL)	100 copies/mL	RUO	Real-time PCR
NATEBV-0002	EBV Strain: B95-8 (1 mL)	500 copies/mL	RUO	Real-time PCR
NATEBV-0003	EBV Strain: B95-8 (1 mL)	1,000 copies/mL	RUO	Real-time PCR
NATEBV-0004	EBV Strain: B95-8 (1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATEBV-0005	EBV Strain: B95-8 (1 mL)	50,000 copies/mL	RUO	Real-time PCR
NATEBV-0006	EBV Strain: B95-8 (1 mL)	100,000 copies/mL	RUO	Real-time PCR
NATEBV-ERCL	EBV Strain: B95-8 External Run Control, Low (6 x 1 mL)	5,000 copies/mL	RUO	Real-time PCR
NATEBV-ERCM	EBV Strain: B95-8 External Run Control, Medium (6 x 1 mL)	50,000 copies/mL	RUO	Real-time PCR
NATEBV-LIN	EBV Strain: B95-8 Linearity Panel (6 x 0.5 mL)	500; 5,000; 50,000; 500,000; and 5,000,000 copies/mL	RUO	Real-time PCR
<b>Herpes Simplex Virus (HSV)</b>				
NATHSV1-0001	HSV Type 1 Strain: MacIntyre (1 mL)	100 copies/mL	RUO	Real-time PCR
NATHSV1-0002	HSV Type 1 Strain: MacIntyre (1 mL)	500 copies/mL	RUO	Real-time PCR
NATHSV1-0003	HSV Type 1 Strain: MacIntyre (1 mL)	1,000 copies/mL	RUO	Real-time PCR
NATHSV1-0004	HSV Type 1 Strain: MacIntyre (1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATHSV1-0005	HSV Type 1 Strain: MacIntyre (1 mL)	50,000 copies/mL	RUO	Real-time PCR
NATHSV2-0001	HSV Type 2 Strain: MS (1 mL)	100 copies/mL	RUO	Real-time PCR
NATHSV2-0002	HSV Type 2 Strain: MS (1 mL)	500 copies/mL	RUO	Real-time PCR
NATHSV2-0003	HSV Type 2 Strain: MS (1 mL)	1,000 copies/mL	RUO	Real-time PCR
NATHSV2-0004	HSV Type 2 Strain: MS (1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATHSV2-0005	HSV Type 2 Strain: MS (1 mL)	50,000 copies/mL	RUO	Real-time PCR
<b>Human Hepatitis B Virus (HBV)</b>				
NATHBV-0001	HBV (1 mL)	400 IU/mL	RUO	Real-time PCR
NATHBV-0002	HBV (1 mL)	5,000 IU/mL	RUO	Real-time PCR
NATHBV-0003	HBV (1 mL)	50,000 IU/mL	RUO	Real-time PCR
NATHBV-0006	HBV (1 mL)	10,000 IU/mL	RUO	Real-time PCR
<b>Human Hepatitis C Virus (HCV)</b>				
NATHCV-0001	HCV (1 mL)	200 IU/mL	RUO	Real-time PCR
NATHCV-0002	HCV (1 mL)	1,000 IU/mL	RUO	Real-time PCR
NATHCV-0003	HCV (1 mL)	10,000 IU/mL	RUO	Real-time PCR
NATHCV-0004	HCV (1 mL)	50,000 IU/mL	RUO	Real-time PCR
NATHCV-0005	HCV (1 mL)	100,000 IU/mL	RUO	Real-time PCR
<b>Human Herpes Virus (HHV)</b>				
NATHHV6-STQ	HHV Type 6 Stock (1 mL)	1,000,000 copies/mL	RUO	Real-time PCR
<b>Human Immunodeficiency Virus (HIV)</b>				
NATHIV1-ERCL	HIV Type 1 Strain: IIIB External Run Control, Low (6 x 1 mL)	1,000 IU/mL	RUO	Real-time PCR
NATHIV1-ERCM	HIV Type 1 Strain: IIIB External Run Control, Medium (6 x 1 mL)	50,000 IU/mL	RUO	Real-time PCR
NATHIV1-LIN	HIV Type 1 Strain: IIIB Linearity Panel (6 x 0.25 mL)	400; 1,000; 10,000; 100,000; and 1,000,000 IU/mL	RUO	Real-time PCR
<b>Mpox Virus</b>				
NATMPXV-ERC <b>NEW</b>	Mpox Virus External Run Control (6 x 0.5 mL)	15,000 cp/mL	RUO	Real-time PCR
<b>Moraxella catarrhalis</b>				
NATMCA-STQ	M. catarrhalis Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
<b>Staphylococcus aureus</b>				
NATSAU-STQ	S. aureus (MRSA) Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR

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**Quantitative** (continued)

Part Number	Product Description	Target	Use*	Platform(s)**
<b>Streptococcus pneumoniae</b>				
NATSPN-STQ	S. pneumoniae Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
<b>Varicella Zoster Virus (VZV)</b>				
NATVZV-STQ	VZV Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATVZV-0001	VZV Strain: Ellen (1 mL)	100 copies/mL	RUO	Real-time PCR
NATVZV-0002	VZV Strain: Ellen (1 mL)	500 copies/mL	RUO	Real-time PCR
NATVZV-0003	VZV Strain: Ellen (1 mL)	1,000 copies/mL	RUO	Real-time PCR
NATVZV-0004	VZV Strain: Ellen (1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATVZV-0005	VZV Strain: Ellen (1 mL)	50,000 copies/mL	RUO	Real-time PCR
<b>West Nile Virus (WNV)</b>				
NATWNV-0001	WNV Strain: NY 2001-6263 (1 mL)	100 copies/mL	RUO	Real-time PCR
NATWNV-0002	WNV Strain: NY 2001-6263 (1 mL)	500 copies/mL	RUO	Real-time PCR
NATWNV-0003	WNV Strain: NY 2001-6263 (1 mL)	1,000 copies/mL	RUO	Real-time PCR
NATWNV-0004	WNV Strain: NY 2001-6263 (1 mL)	10,000 copies/mL	RUO	Real-time PCR
NATWNV-0005	WNV Strain: NY 2001-6263 (1 mL)	50,000 copies/mL	RUO	Real-time PCR

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**The Americas:**  
1.800.274.5487  
zepto.customerservice@antylia.com  
**Europe, Middle East, & Africa:**  
+44 1480 272279  
zepto.EMEA@antylia.com

**China:**  
+86 21 5109 9909  
zepto.China@antylia.com  
**India:**  
+91 22 6139 4444  
zepto.India@antylia.com

**Australia & New Zealand:**  
+61738293996  
zepto.AustraliaNewZealand@antylia.com  
**East Asia:**  
zepto.EastAsia@antylia.com