

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®

 **Web**
www.h-h-c.com

 **Phone**
+41 22 534 97 03

 **Email**
incoming@h-h-c.com

 **Fax**
+41 22 594 85 07

 **Address**
Helvetica Health Care Sàrl – PO Box 1158 – CH – 1211 Geneva 5 AP – Switzerland

Qualitative

Part Number	Product Description	Target	Use*	Platform(s)**
Chikungunya Virus				
NATCIKV-ST	Chikungunya Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
Coxsackievirus				
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
Echovirus				
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
Enterovirus (EV)				
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®
Global Fever				
NATGFP-BIO NEW	Global Fever Panel (22 x 0.3 mL)		RUO	BioFire® FilmArray®
Herpes Simplex Virus (HSV)				
NATHSV-6L	HSV 1 & 2 Positive Control (6 x 0.25 mL)		RUO	Luminex® ARIES®
Human Herpes Virus (HHV)				
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
Human T-Lymphotropic Virus (HTLV)				
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
Joint Infection				
NATJIP-BIO	Joint Infection Verification Panel (32 x 0.2 mL, 5 x 1.4 mL)		RUO	BioFire® FilmArray®
Meningitis/Encephalitis (ME)				
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®
Mouse Hepatitis Virus (MHV)				
NATMHV-ST	MHV Stock (1 mL)	22 to 25 Ct	RUO	Applied BioSystems QuantStudio, Real-time PCR
Mpox Virus				
NATMPXVNEG-6C NEW	Mpox Virus Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
NATMPXVPOS-6C NEW	Mpox Virus Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®
Mycobacterium tuberculosis (MTB)				
NATMTBP-C	MTB Verification Panel (5 x 0.6 mL, 6 x 1.6 mL)		RUO	Cepheid® GeneXpert®
Strep A				
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®
Zika Virus				
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

*RUO = Research Use Only

**ZeptoMetrix External Quality Controls and Verification Panels have demonstrated utility on multiple assays. Based upon product configuration, including fill volumes and concentrations of analytes, we can confidently recommend the optimal choice of controls and panels for the indicated platform.

Quantitative

Part Number	Product Description	Target	Use*	Platform(s)**
BK Virus (BKV)				
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
Cytomegalovirus (CMV)				
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
Epstein-Barr Virus (EBV)				
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
Herpes Simplex Virus (HSV)				
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
Human Hepatitis B Virus (HBV)				
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
Human Hepatitis C Virus (HCV)				
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
Human Herpes Virus (HHV)				
NATHHV6-STQ	HHV Type 6 Stock (1 mL)	1,000,000 copies/mL	RUO	Real-time PCR
Human Immunodeficiency Virus (HIV)				
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
Mpox Virus				
NATMPXV-ERC NEW	Mpox Virus External Run Control (6 x 0.5 mL)	15,000 cp/mL	RUO	Real-time PCR
Moraxella catarrhalis				
NATMCA-STQ	M. catarrhalis Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Staphylococcus aureus				
NATSAU-STQ	S. aureus (MRSA) Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR

*RUO = Research Use Only

**ZeptoMetrix External Quality Controls and Verification Panels have demonstrated utility on multiple assays. Based upon product configuration, including fill volumes and concentrations of analytes, we can confidently recommend the optimal choice of controls and panels for the indicated platform.

Quantitative (continued)

Part Number	Product Description	Target	Use*	Platform(s)**
Streptococcus pneumoniae				
NATSPN-STQ	S. pneumoniae Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Varicella Zoster Virus (VZV)				
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
West Nile Virus (WNV)				
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

*RUO = Research Use Only

**ZeptoMetrix External Quality Controls and Verification Panels have demonstrated utility on multiple assays. Based upon product configuration, including fill volumes and concentrations of analytes, we can confidently recommend the optimal choice of controls and panels for the indicated platform.

ZeptoMetrix®