

NATtrol™ Quantitative Molecular Products




ZeptoMetrix quantitative controls are ready-to-use, inactivated full-process controls designed to evaluate performance of molecular tests. ZeptoMetrix provides developers and laboratories with safe-to-use, external quality controls/panels for assay development and/or research and analytical studies.

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 control
- Train and monitor laboratory personnel
- Evaluate lot-to-lot consistency of test kits and assay reagents

ZeptoMetrix®

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Quantitative Stocks

Part Number	Product Description	Target	Use*	Platforms**
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
Cytomegalovirus (CMV)				
NATCMV-STQ	CMV Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, 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
Haemophilus influenzae				
NATHIN-STQ	H. influenzae Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
Human Herpes Virus (HHV)				
NATHHV6-STQ	HHV Type 6 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 A H3 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
Moraxella catarrhalis				
NATMCA-STQ	M. catarrhalis Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
MS2 Bacteriophage				
NATMS2-STQ NEW	MS2 Bacteriophage Stock (1 mL)	10,000,000 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)-ST	SARS-CoV-2 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, 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
Staphylococcus aureus				
NATSAU-STQ	S. aureus (MRSA) Stock (1 mL)	1,000,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
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

Quantitative Panels

Part Number	Product Description	Target	Use*	Platforms**
SARS-Related Coronavirus 2 (SARS-CoV-2)				
NATSARS(COV2)-VP	SARS-CoV-2 Variant Panel (4 x 0.5 mL)	50,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR

Linearity Controls & Panels

Part Number	Product Description	Target	Use*	Platforms**
BK Virus (BKV)				
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-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-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

*RUO = Research Use Only; IVD = In Vitro Diagnostic; CE IVD = In Vitro Diagnostic with European CE mark

**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.

Linearity Controls & Panels (continued)

Part Number	Product Description	Target	Use*	Platforms**
Epstein-Barr Virus (EBV)				
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-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-0006	HBV (1 mL)	10,000 IU/mL	RUO	Real-time PCR
NATHBV-0003	HBV (1 mL)	50,000 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 Immunodeficiency Virus (HIV)				
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 UI/mL	RUO	Real-time PCR
Varicella Zoster Virus (VZV)				
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

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