



NATtrol™

CORONAVIRUS CONTROLS & PANELS

THE MOST TRUSTED BRAND IN MOLECULAR DIAGNOSTICS

Coronaviruses (CoV) are common throughout the world and are part of a large family of viruses that cause illnesses ranging from the common cold to Middle East Respiratory Syndrome (MERS) and Severe Acute Respiratory Syndrome (SARS). ZeptoMetrix provides developers and laboratories with safe-to-use, external quality controls/panels for assay development and/or research and analytical studies.

- NATtrol™ molecular controls are non-infectious, ready-to-use, whole organisms which are designed to evaluate performance of molecular tests. They can be used for verification of assays, training of laboratory personnel and to monitor assay-kit lot performance.
- Heat-inactivated viral culture fluids are designed for molecular based testing.
- Purified heat-inactivated lysates are intended for research, product development, manufacturing, and quality assurance testing. Viral lysates can be used as an antigen, as a source for the purification of viral proteins, or in assays for the detection of viral antibodies.

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)**
Middle East Respiratory Syndrome-Coronavirus (MERS-CoV)				
NATMERS-ST	NATrol MERS-CoV Stock (1 mL)	25 to 28 Ct	RUO	Applied Biosystems QuantStudio, Real-time PCR
Severe Acute Respiratory Syndrome (SARS)				
NATSARS-ST	NATrol Coronavirus SARS Stock (1 mL)	25 to 28 Ct	RUO	Real-time PCR
SARS-Related Coronavirus 2 (SARS-CoV-2)				
NATCV9-6C	NATrol Flu/RSV/SARS-CoV-2 Negative Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Roche cobas® Liat®
NATFRC-6C	NATrol Flu/RSV/SARS-CoV-2 Positive Control (6 x 0.5 mL)		RUO	Cepheid® GeneXpert®, Roche cobas® Liat®
NATRPC2.1-BIO	NATrol Respiratory Panel 2.1 (RP2.1) Controls (12 x 0.3 mL)		RUO	BioFire® FilmArray®
NATRVP2-QIA	NATrol Respiratory Verification Panel 2 (21 x 0.25 mL)		RUO	QIAGEN® QIAstat-Dx®
NATRVP2.1-BIO	NATrol Respiratory Verification Panel 2.1 (24 x 0.6 mL)		RUO	BioFire® FilmArray®
NATSARS(COV2)-NEG-IVD NEW	NATrol 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	NATrol 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	NATrol 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	NATrol 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™
0810645CFHI	SARS-CoV-2 (Isolate: Denmark/DCGC-3024/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810644CFHI	SARS-CoV-2 (Isolate: Germany/BavPat1/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810590CFHI	SARS-CoV-2 (Isolate: Hong Kong/VM20001061/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810589CFHI	SARS-CoV-2 (Isolate: Italy-INMI1) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810587CFHI-0.5mL	SARS-CoV-2 (Isolate: USA-WA1/2020) Culture Fluid, Heat Inactivated (0.5 mL)		RUO	
0810587CFHI	SARS-CoV-2 (Isolate: USA-WA1/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810587-0.5mg	SARS-CoV-2 (Isolate: USA-WA1/2020) Lysate (0.5 mg)		RUO	
0810587	SARS-CoV-2 (Isolate: USA-WA1/2020) Lysate (1 mg)		RUO	
0810614CFHI	SARS-CoV-2 Alpha Variant B.1.1.7 (Isolate: England/204820464/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810612CFHI	SARS-CoV-2 Alpha Variant B.1.1.7 (Isolate: USA/CA_CDC_5574/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810613CFHI	SARS-CoV-2 Beta Variant B.1.351 (Isolate: South_Africa/KRISP-K005325/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810619CFHI	SARS-CoV-2 Iso1 Lin B.1.526_2021 Iota (NY-Wadsworth-21025952-01/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810620CFHI	SARS-CoV-2 Iso2 Lin B.1.526_2021 Iota (NY-Wadsworth-21018781-01/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810642CFHI	SARS-CoV-2 Lineage B.1.1.529 BA.1; Omicron Variant Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810643CFHI	SARS-CoV-2 Lineage B.1.1.529 BA.2; Omicron Variant Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810622CFHI	SARS-CoV-2 Lineage B.1.595_2020 (NY-Wadsworth-33126-01/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810623CFHI	SARS-CoV-2 Lineage B.1.617.1; Kappa Variant (USA/CA-Stanford-15_S02/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810624CFHI	SARS-CoV-2 Lineage B.1.617.2; Delta Variant (USA/PHC658/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810621CFHI	SARS-CoV-2 Lineage B.1_2020 (NY-Wadsworth-103677-01/2020) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810616CFHI	SARS-CoV-2 Lineage P1; Gamma Variant (Japan/TY7-503/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	

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

**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.

Qualitative (continued)

Part Number	Product Description	Target	Use*	Platform(s)**
SARS-Related Coronavirus 2 (SARS-CoV-2) (continued)				
0810617CFHI	SARS-CoV-2 Lineage P1_2021; Gamma Variant (NY-Wadsworth-21033899-01/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810618CFHI	SARS-CoV-2 Lineage P2_2021; Zeta Variant (NY-Wadsworth-21006055-01/2021) Culture Fluid, Heat Inactivated (1 mL)		RUO	
0820010CFHI	Vero E6 Culture Fluid, Heat Inactivated (1 mL)		RUO	
Seasonal Coronavirus				
0810229CF	Coronavirus 229E Culture Fluid (1 mL)		RUO	
0810229CFHI	Coronavirus 229E Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810229	Coronavirus 229E Lysate (1 mg)		RUO	
0810228CF	Coronavirus NL63 Culture Fluid (1 mL)		RUO	
0810228CFHI	Coronavirus NL63 Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810228	Coronavirus NL63 Lysate (1 mg)		RUO	
0810024CF	Coronavirus OC43 Culture Fluid (1 mL)		RUO	
0810024CFHI	Coronavirus OC43 Culture Fluid, Heat Inactivated (1 mL)		RUO	
0810024	Coronavirus OC43 Lysate (1 mg)		RUO	
NATCOV(229E)-ST	NATtrol Coronavirus 229E Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCOV(NL63)-ST	NATtrol Coronavirus NL63 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR
NATCOV(OC43)-ST	NATtrol Coronavirus OC43 Stock (1 mL)	22 to 25 Ct	RUO	Real-time PCR


Quantitative

Part Number	Product Description	Target	Use*	Platform(s)**
SARS-Related Coronavirus 2 (SARS-CoV-2)				
NATFRC-ERC NEW	NATtrol Flu/RSV/SARS-CoV-2 External Run Control (6 x 0.5 mL)	15,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATSARS(COV2-UK)-ST	NATtrol SARS-CoV-2 Alpha Variant B.1.1.7 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied BioSystems QuantStudio, Real-time PCR
NATSARS(COV2-SA)-ST	NATtrol SARS-CoV-2 Beta Variant B.1.351 Stock (1 mL)	1,000,000 copies/mL	RUO	Applied BioSystems QuantStudio, Real-time PCR
NATSARS(COV2)-ERC	NATtrol 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®, Luminex® ARIES®, Real-time PCR, GenMark® ePlex®, QIAGEN® QIAstat-Dx®
NATSARS(COV2)-ERC1	NATtrol SARS-CoV-2 External Run Control (6 x 1.0 mL)	50,000 copies/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BD MAX™, BioFire® FilmArray®, Cepheid® GeneXpert®, Luminex® ARIES®, Real-time PCR, GenMark® ePlex®, QIAGEN® QIAstat-Dx®, Visby Medical™
NATSARS(COV2)-NEG	NATtrol 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®, Luminex® ARIES®, Real-time PCR, GenMark® ePlex®, QIAGEN® QIAstat-Dx®
NATSARS(COV2)-NEG1	NATtrol SARS-CoV-2 Negative Control (6 x 1.0 mL)	50,000 cells/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BD MAX™, BioFire® FilmArray®, Cepheid® GeneXpert®, Luminex® ARIES®, Real-time PCR, GenMark® ePlex®, QIAGEN® QIAstat-Dx®, Visby Medical™
NATCOV2(OMC)-ERC	NATtrol SARS-CoV-2 Omicron External Run Control (6 x 0.5 mL)	50,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR
NATSARS(COV2)-ST	NATtrol SARS-CoV-2 Stock (1 mL)	1,000,000 copies/mL	RUO	Abbott ID NOW™, Applied Biosystems QuantStudio, BioFire® FilmArray®, Cepheid® GeneXpert®, Real-time PCR, GenMark® ePlex®, QIAGEN® QIAstat-Dx®
NATSARS(COV2)-VP	NATtrol SARS-CoV-2 Variant Panel (4 x 0.5 mL)	50,000 copies/mL	RUO	Applied Biosystems QuantStudio, Real-time PCR


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

**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.

 **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