

# DiaMex

**Quality** for your Controls  
**Controls** for your Quality



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## DiaMex

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## QC SAMPLES

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Optitrol QC samples have been specifically optimised and validated to match assays commonly used for infectious diseases testing. These QC samples have been designed to react at an appropriate level within the analytical range of various assays.

Optitrol QC samples are registered IVDs, manufactured in an ISO 13485 facility and where applicable, are standardised against the WHO international standards leading to traceability claims, consistent with ISO 17511.

Optitrol QC serology samples are ready-to-use and are bar-coded to ensure traceability. For your convenience, the Serology Multimarker Range of products is easily identifiable by their colour coding. Globally, a

single batch of each Optitrol QC sample is available, allowing all QConnect participants using the same assay to compare their QC results.

This Optitrol catalogue offers a selection of QC samples for clinical and blood screening laboratories performing serology and/or Nucleic Acid Testing (NAT) for a range of infectious diseases. Simply locate the assay currently in use and select the appropriately matched QC.

QC Samples for Europe can be ordered through Diamex (order@diamex.com) and for elsewhere, through NRL ([www.nrlquality.org.au/purchasing-qconnect-qcs](http://www.nrlquality.org.au/purchasing-qconnect-qcs)). Establishing standing orders is highly recommended as a way of ensuring that your stock never runs low.



## EDCNET

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EDCNet is an internet-based software program specifically designed for monitoring both serology and NAT QC results. EDCNet allows for the simple collection, management and analysis of QC data in real-time. **Access to this multilingual software is free** when purchasing Optitrol QC samples and you can log in to EDCNet anywhere around the world, at any time.

Once registered, QConnect members can access EDCNet through logging in with a username and password. The anonymity of all participants is protected by a unique laboratory code. EDCNet has security systems similar to that used for internet banking, is supported by all major internet browsers and requires no software installation.

QConnect members who use EDCNet can share QC data to assess the accuracy and precision of their assays. All Optitrol-labelled products are automatically set up in EDCNet. You can edit or delete data as required. There is no need to back up data in case of loss and EDCNet can be interfaced with your individu-

al Laboratory Information System or instrumentation. EDCNet functionality is designed for all levels of users. Basic users can set up EDCNet and walk away, having automated alerts and reports sent directly to their email address. Power users can take advantage of the advanced in-built QC analysis functions to identify and investigate trends and shifts in QC results. Customised QC reports, providing real-time review of results in a Levey-Jennings or Mean/Scatter graphical or tabular format, can be sent directly to each QConnect member by email or saved as a PDF. EDCNet can be programmed to automatically schedule the email delivery of your customised report on a weekly or monthly basis.

EDCNet also has a "network" option that allows a group of laboratories to track trends and compare QC test results across all laboratories within that network.

For further information about EDCNet please refer to: [www.nrlquality.org.au/qconnect](http://www.nrlquality.org.au/qconnect)



## QCONNECT LIMITS

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QConnect Limits take advantage of peer data sharing and provide users robust, pre-determined control limits. QC limits are based on up to 10 years of QC data and are available for commonly used QC sample/assay combinations. These statistically validated QC limits give you the confidence to know immediately when your system is not running to specification.

### **What are QConnect Limits?**

Traditional QC approaches used to determine QC limits have been derived or modified from clinical chemistry and may not be applicable to serology or NAT. QConnect Limits, developed by NRL, utilise historical data by determining expected upper and lower values of results for each QC sample/assay combination. All QConnect participants using the same assay and the same QC sample submit results to EDCNet. Over time, multiple lots of QC samples have been tested by many laboratories, operators and instruments across

numerous lots of reagents. These results reflect the expected extent of variation for that QC sample/assay combination. These results have been extracted and analysed in collaboration with a biostatistician. The variation of QC results, both within each QC lot and between each QC lot was used to determine an upper and lower limit for each QC sample/assay combination. These limits allow for the identification of any unexpected QC result, potentially identifying unacceptable variation from a range of sources including reagent lot numbers; instruments or equipment calibration and maintenance; operator errors; assay and QC sample storage and transport or environmental conditions.

### **How to use QConnect Limits**

When entering data into EDCNet, results outside the QConnect Limits for that QC sample/assay combination are flagged in red indicating further investigation is required. All results outside the QConnect Limits are

held in quarantine until they are validated by an NRL staff member. Participants can overlay the QConnect Limits on Levey-Jennings and other EDCNet charts in conjunction with laboratory-specific and peer group limits. NRL also provides a suggested approach, including a check list, for the investigation and troubleshooting of unexpected results.

Note: Optitrol QC samples are used in addition to the manufacturers' controls and as such, the manufacturers' instructions for validating an assay should be adhered to.

For further information regarding QConnect Limits please refer to:

[www.nrlquality.org.au/qconnect](http://www.nrlquality.org.au/qconnect)



## MU REPORTS

To fulfil regulatory requirements with ease, you can access free annual MU reports specific for your laboratory. NRL has developed a method for estimating and reporting MU for quantitative assays based on a comparison of your laboratory's QC results with those reported by other laboratories using the same QC sample/assay combination (peer group). The metho-

dology for determining MU is published and scientifically validated. The MU estimation accounts for the assay's imprecision (random error) and bias (systematic error).

For more information regarding MU reports please refer to:

[www.nrlquality.org.au/qconnect](http://www.nrlquality.org.au/qconnect)



## QUESTIONS & ANSWERS

The QConnect portal provides you with a repository of information including frequently asked questions about the usage, storage, testing or troubleshooting of results obtained from your QC sample. If you can't find the answers there, additional questions can always be directed to [qconnect@nrlquality.org.au/qconnect](mailto:qconnect@nrlquality.org.au/qconnect)



## REFERENCE MATERIALS

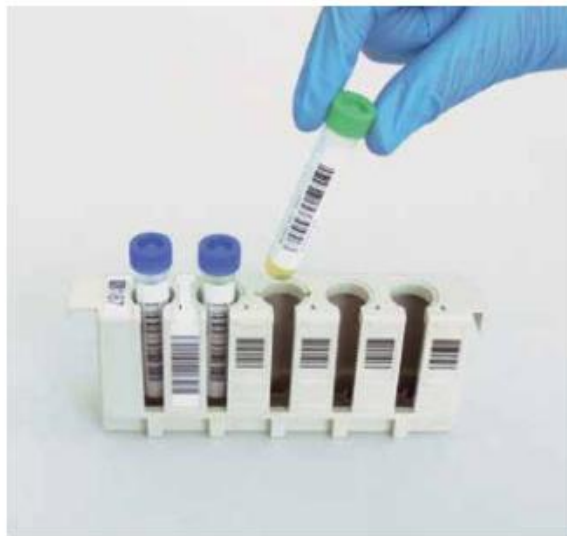
We know you don't have time to spend countless hours searching for information. QConnect also supplies a list of relevant literature about QC for infectious diseases testing including:

- Journal Publications
- Presentations
- Investigations and Case Studies
- Laboratory Standards and Requirements

Please refer to: [www.nrlquality.org.au/qconnect](http://www.nrlquality.org.au/qconnect)

# THE **READY-TO-USE** CONCEPT

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Our **ready-to-use** concept means that the controls may remain directly in the carrier or robots of the test system. The additional step of refilling of the controls manually from conventional dropper bottles into the vials of the carrier is no longer necessary. Less dead volume is required for multi analyte measurements in a single vial, thus saving the customer valuable control material.






## **ADVANTAGES**

- ▶ vials developed according to the individual platform (e. g. for ARCHITECT®, LIAISON® and others)
- ▶ high yield
- ▶ ready to use solutions
- ▶ less sources of error
- ▶ better protection against contamination
- ▶ predefined control limits
- ▶ barcode labels are included



▶▶▶ **easy handling and highly efficient**

# OVERVIEW: CONTROL / ASSAY COMBINATIONS





## SEROLOGICAL CONTROLS BLOOD SCREENING

QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
	Abbott	ARCHITECT	Anti-HBc II CMIA, Anti-HCV CMIA, HBsAg Qualitative II CMIA, HIV Ag/Ab Combo CMIA, rHTLV I/II CMIA, Syphilis TP CMIA	13
	Abbott	Alinity s	Anti-HBc, Anti-HCV, HBsAg, HIV Ag/Ab Combo	
	DiaSorin	LIAISON LIAISON XL	Anti-HBc, Treponema Screen, MUREX HBsAg Quant, MUREX HCV Ab, MUREX HIV Ab/Ag, MUREX recHTLV I/II	
	Roche	Elecsys Cobas	Anti-HBc, Anti-HCV II, Anti-HTLV-I/II, HBsAg II, HIV combi, HIV combi PT, Syphilis	15
	Siemens	ADVIA Centaur	ADVIA Centaur HBsAgII, HCV, HIV Ag/Ab Combo (CHIV), HIV1/O/2 Enhanced (EHIV), Syphilis (SYPH)	15
	Bio-Rad		Genscreen Plus HIV Ag-Ab, ULTRA HIV Ag-Ab	14
			Monalisa Anti-HBc Plus, Anti-HCV Plus Version 2, HBsAg ULTRA, HCV Ag-Ab ULTRA V2	
			Syphilis Total Antibody	
	Abbott	ARCHITECT Alinity, PRISM	All assays for anti-HIV, anti-HCV, anti-HTLV, anti-HBc, anti-Treponema, HBsAg, HIVp24	16
	DiaSorin	LIAISON LIAISON XL		
	Bio-Rad			
	Roche	Elecsys Cobas		
	Siemens	ADVIA Centaur		



## SEROLOGICAL CONTROLS BLOOD SCREENING

QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
	Abbott	ARCHITECT PRISM	HIV Ab/Ag Combo HIV Ab/Ag Combo	17
	DiaSorin	LIAISON (XL)	Murex HIV Ab/Ag	
	Roche	Elecsys, Cobas	Elecsys HIV Combi PT	
	Siemens	ADVIA Centaur	HIV Ag/Ab Combo Assay	
	Bio-Rad		Genscreen Ultra HIV Ag-Ab, HIV-1 Ag Assay	
	Abbott	ARCHITECT PRISM	HIV Ag/Ab Combo HIV Ag/Ab Combo	17
	DiaSorin	LIAISON (XL)	Murex HIV Ab/Ag	
	Roche	Elecsys, Cobas	Elecsys HIV Combi PT	
	Siemens	ADVIA Centaur	HIV Ag/Ab Combo Assay	



## SEROLOGICAL CONTROLS HEPATITIS

QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
	DiaSorin	LIAISON LIAISON XL	Anti-HAV, Anti-HBe	18
			Anti-HBs II	
	Wantai		HEV-IgG ELISA	
	Abbott	ARCHITECT	Anti-HAV IgG, Anti-HBs, Anti-HBe	
	Roche	Elecsys, Cobas	Anti-HAV, Anti-HBs, Anti-HBe	
	Siemens	ADVIA Centaur	Anti-HAV Total, Anti-HBs, Anti-HBe	
	DiaSorin	LIAISON LIAISON XL	HAV IgM, HBc IgM, HBeAg	18
			Wantai	
	Abbott	ARCHITECT	Anti-HAVAb IgM, Anti-HBc IgM, HBeAg	
	Roche	Elecsys, Cobas	Anti-HAV IgM, Anti-HBc IgM, HBeAg	
	Siemens	ADVIA Centaur	Anti-HAV IgM, Anti-HBc IgM, HBeAg	
	Mikrogen	ELISA	recomWell HEV IgM ELISA	

## SEROLOGICAL CONTROLS TORCH







QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
	Abbott	ARCHITECT	Toxo IgM, Rubella IgM, CMV IgM, EBV VCA IgM	19
	DiaSorin	LIAISON LIAISON XL	Toxo IgM, Rubella IgM, CMV IgM, EBV VCA IgM, HSV 1/2 IgM	
	Abbott	ARCHITECT	Toxo IgG, Rubella IgG, CMV IgG, EBV VCA IgG, EBNA-1 IgG	19
	DiaSorin	LIAISON LIAISON XL	Toxo IgG II, Rubella II IgG, CMV IgG II, VCA IgG, HSV 1/2 IgG, EBNA IgG	
	Siemens	Enzygnost	Toxo/IgG, Anti-Rubella/IgG, Anti-CMV/IgG, Anti-EBV IgG, Anti-EBNA/IgG, HSV-1/2/IgG	

## SEROLOGICAL CONTROLS OTHERS



QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
	DiaSorin	LIAISON LIAISON XL	Measles IgG, Mumps IgG, Parvovirus B19 IgG, VZV IgG	20
	Siemens, NovaTec	Enzygnost Novagnost	Anti-Measles-Virus/IgG, Anti-Parotitis-Vir./ IgG, Anti-VZV/IgG, Novagnost Parvovirus B19 IgG	
	DiaSorin	LIAISON (XL)	All assays for Anti-measles virus IgM,	20
	Siemens, NovaTec	Enzygnost Novagnost	Anti-mumps virus IgM, Anti-parvovirus B19 IgM, Anti-VZV IgM	



## SEROLOGICAL CONTROLS OTHERS

QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
 MeaslesM	DiaSorin	LIAISON (XL)	Measles IgM	21
	Siemens	BEP	Enzygnost Anti-Measles-Virus/IgM	
 Parvo M	DiaSorin	LIAISON (XL)	Biotrin Parvovirus B19 IgM	21
	NovaTec	BEP	Novagnost Parvovirus B19 IgM	
 MumpsM	DiaSorin	LIAISON (XL)	Mumps IgM	22
	Siemens	BEP	Enzygnost Anti-Parotitis-Virus/IgM	
 VZV M	DiaSorin	LIAISON (XL)	VZV IgM	22
	Siemens	BEP	Enzygnost Anti-VZV/IgM	
 HSV 2	DiaSorin	LIAISON (XL)	HSV-2 IgG	23
 SyphilisG	Newmarket Biomedical		Newbio-PK TPHA	23
	Fujirebio		Serodia Treponema pallidum particle agglutination (TP-PA) test	
	Biokit		RPR reditest	

## SEROLOGICAL CONTROLS TROPICAL DISEASES

QC Sample Name	Assay			Page
	Manufacturer	System	Assay Name	
 Malaria	Trinity Biotech		Captia Malaria EIA	24
 Chagas	DiaSorin	LIAISON (XL)	MUREX Chagas	24
	Roche	Elecsys	Chagas	
	Abbott	PRISM	Chagas	

## SEROLOGICAL CONTROLS BLOOD SCREENING



### Optitrol Blue



#### Storage and Stability

Sealed:\* 24 months at 2 to 8°C

After opening: 90 days at 2 to 8°C

#### Analytes included

Anti-HIV 1 IgG

Anti-HCV IgG

HBsAg

Anti-HBc IgG

Anti-HTLV I IgG

Anti-*Treponema* IgG

**System:** Abbott ARCHITECT, Alinity s  
DiaSorin LIAISON, LIAISON XL

CAT. NO.	CONTENT	KIT
SR11011	Positive control	4 x 5 mL
SR11013	Positive control	2 x 5 mL
SR11019	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



### Optitrol Green



#### Storage and Stability

Sealed:\* 24 months at 2 to 8°C

After opening: 90 days at 2 to 8°C

#### Analytes included

Anti-HIV 1 IgG

Anti-HCV IgG

HBsAg

Anti-HBc IgG

Anti-HTLV I IgG

Anti-*Treponema* IgG

**System:** Bio-Rad

CAT. NO.	CONTENT	KIT
SR11041	Positive control	4 x 5 mL
SR11043	Positive control	2 x 5 mL
SR11049	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol Red



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-HIV 1 IgG  
Anti-HCV IgG  
HBsAg  
Anti-HBc IgG  
Anti-HTLV I IgG  
Anti-*Treponema* IgG

**System:** Roche Elecsys, Cobas

CAT. NO.	CONTENT	KIT
SR11051	Positive control	4 x 5 mL
SR11053	Positive control	2 x 5 mL
SR11059	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol Orange



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-HIV 1 IgG  
Anti-HCV IgG  
HBsAg  
Anti-HBc IgG  
Anti-HTLV I IgG  
Anti-*Treponema* IgG

**System:** Siemens ADVIA Centaur

CAT. NO.	CONTENT	KIT
SR11061	Positive control	4 x 5 mL
SR11063	Positive control	2 x 5 mL
SR11069	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol SeroNeg



### Storage and Stability

Sealed:\* 36 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Negative for

Anti-HIV 1 IgG  
Anti-HCV IgG  
HBsAg  
Anti-HBc IgG  
Anti-HTLV I IgG  
Anti-*Treponema* IgG

**System:** Abbott ARCHITECT, Alinity s, PRISM  
DiaSorin LIAISON, LIAISON XL  
Roche Elecsys, Cobas; Bio-Rad  
Siemens ADVIA Centaur

CAT. NO.	CONTENT	KIT
SR11001	Negative control	2 x 1 mL
SR11002	Negative control	2 x 5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol HIVp24



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

HIV 1 p24 Antigen

**System:** Abbott ARCHITECT, PRISM  
DiaSorin LIAISON XL  
Roche Elecsys, Cobas; Bio-Rad  
Siemens ADVIA Centaur

CAT. NO.	CONTENT	KIT
SR11101	Positive control	4 x 5 mL
SR11103	Positive control	4 x 2.5 mL
SR11105	Positive control	1 x 1 mL
SR11107	Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol HIV 2



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-HIV 2 IgG

**System:** Abbott ARCHITECT, PRISM  
DiaSorin LIAISON XL  
Roche Elecsys, Cobas  
Siemens ADVIA Centaur

CAT. NO.	CONTENT	KIT
SR11115	Positive control	1 x 1 mL
SR11117	Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol HEP-1 and HEP-2



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-HBs IgG  
Anti-HBe IgG  
Anti-HAV IgG  
Anti-HEV IgG

**System:** Abbott ARCHITECT  
DiaSorin LIAISON, LIAISON XL  
Roche Elecsys, Cobas  
Siemens ADVIA Centaur; Wantai

CAT. NO.	CONTENT	KIT
SR12045	<b>HEPR-1</b> Positive control	1 x 1 mL
SR12047	<b>HEPR-1</b> Positive control	2 x 2.5 mL
SR12055	<b>HEPR-2</b> Positive control	1 x 1 mL
SR12057	<b>HEPR-2</b> Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol HEPA-1 and HEPA-2



### Storage and Stability

Sealed:\* 12 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

HBeAg  
Anti-HBc IgM  
Anti-HAV IgM  
Anti-HEV IgM

**System:** DiaSorin LIAISON, LIAISON XL  
Roche Elecsys, Cobas; Wantai  
Abbott ARCHITECT, Mikrogen ELISA  
Siemens ADVIA Centaur

CAT. NO.	CONTENT	KIT
SR12025	HEPA-1 Positive control	1 x 1 mL
SR12027	HEPA-1 Positive control	2 x 2.5 mL
SR12035	HEPA-2 Positive control	1 x 1 mL
SR12037	HEPA-2 Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol ToRCH M



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-Rubella IgM  
Anti-Toxoplasma IgM  
Anti-CMV IgM  
Anti-EBV VCA IgM  
Anti-HSV 1 IgM

**System:** Abbott ARCHITECT  
DiaSorin LIAISON, LIAISON XL

CAT. NO.	CONTENT	KIT
SR13027	Positive control	2 x 2.5 mL
SR13029	Positive control	1 x 1 mL
SR13057	Negative control	2 x 2.5 mL
SR13059	Negative control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol ToRCH G



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-Rubella IgG  
Anti-Toxoplasma IgG  
Anti-CMV IgG  
Anti-EBV VCA IgG  
Anti-EBV EBNA IgG  
Anti-HSV 1 IgG

**System:** Abbott ARCHITECT  
DiaSorin LIAISON, LIAISON XL  
Siemens Enzygnost

CAT. NO.	CONTENT	KIT
SR13017	Positive control	2 x 2.5 mL
SR13019	Positive control	1 x 1 mL
SR13047	Negative control	2 x 2.5 mL
SR13049	Negative control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol Pediatric G



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-Measles IgG  
Anti-Mumps IgG  
Anti-Parvo B19 IgG  
Anti-VZV IgG

**System:** DiaSorin LIAISON, LIAISON XL  
Siemens Enzygnost  
NovaTec, Novagnost

CAT. NO.	CONTENT	KIT
SR15015	Positive control	1 x 1 mL
SR15017	Positive control	2 x 2.5 mL
SR15006	Negative control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol Measles M



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-Measles IgM

**System:** DiaSorin LIAISON XL  
Siemens Enzygnost

CAT. NO.	CONTENT	KIT
SR15047	Positive control	2 x 2.5 mL
SR15048	Positive control	2 x 1 mL
SR15045	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol Parvo M



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-Parvo B19 IgM

**System:** DiaSorin LIAISON XL  
NovaTec, Novagnost

CAT. NO.	CONTENT	KIT
SR15057	Positive control	2 x 2.5 mL
SR15058	Positive control	2 x 1 mL
SR15055	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture





## Optitrol Mumps M



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-Mumps IgM

**System:** DiaSorin LIAISON XL  
Siemens Enzygnost

CAT. NO.	CONTENT	KIT
SR15067	Positive control	2 x 2.5 mL
SR15068	Positive control	2 x 1 mL
SR15065	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol VZV M



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-VZV IgM

**System:** DiaSorin LIAISON XL  
Siemens Enzygnost

CAT. NO.	CONTENT	KIT
SR15077	Positive control	2 x 2.5 mL
SR15078	Positive control	2 x 1 mL
SR15075	Positive control	1 x 1 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol Syphilis G



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-*Treponema pallidum* IgG

**System:** Newmarket Biomedical  
Fujirebio  
Biokit

CAT. NO.	CONTENT	KIT
SR11135	Positive control	1 x 1 mL
SR11137	Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



## Optitrol HSV 2



### Storage and Stability

Sealed:\* 24 months at 2 to 8°C  
After opening: 90 days at 2 to 8°C

### Analytes included

Anti-HSV 2 IgG

**System:** DiaSorin LIAISON XL

CAT. NO.	CONTENT	KIT
SR13035	Positive control	1 x 1 mL
SR13037	Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture

## SEROLOGICAL CONTROLS TROPICAL DISEASES



### Optitrol Malaria



#### Storage and Stability

Sealed:\* 24 months at 2 to 8°C

After opening: 90 days at 2 to 8°C

#### Analytes included

Anti-*Plasmodium sp.* IgG

**System:** Trinity Biotech

CAT. NO.	CONTENT	KIT
SR16015	Positive control	1 x 1 mL
SR16017	Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture



### Optitrol Chagas



#### Storage and Stability

Sealed:\* 24 months at 2 to 8°C

After opening: 90 days at 2 to 8°C

#### Analytes included

Anti-*Trypanosoma sp.* IgG

**System:** DiaSorin LIAISON XL  
Roche Elecsys  
Abbott PRISM

CAT. NO.	CONTENT	KIT
SR16025	Positive control	1 x 1 mL
SR16027	Positive control	2 x 2.5 mL

For further information see instructions for use.

\* From date of manufacture

# NAT CONTROLS, BLOOD BORNE VIRUSES



## Blood Borne Viruses and Parasites



### Storage and Stability

Sealed:\* 18 months at -20°C  
 After opening: 5 days at 2 to 8°C

### Analytes included

Single control of each analyte, see table below

CONTENT		KIT
Positive control		10 x 1.2 mL
PRODUCT	CAT. NO.	ANALYTE
Optitrol NAT HBV Screening	NT01011	Hepatitis B virus
Optitrol NAT HBV Viral Load	NT01012	Hepatitis B virus
Optitrol NAT HCV Screening	NT01021	Hepatitis C virus
Optitrol NAT HCV Viral Load	NT01022	Hepatitis C virus
Optitrol NAT HIV Screening	NT01031	Human immunodeficiency virus 1
Optitrol NAT HIV Viral Load	NT01032	Human immunodeficiency virus 1
Optitrol NAT Triplex	NT01041	HBV, HCV, HIV 1
Optitrol NAT NEG	NT01051	Negative for HBV, HCV, HIV 1
Optitrol NAT HAV Parvo	NT01111	Hepatitis A virus
		Parvovirus B 19
Optitrol NAT HEV	NT01121	Hepatitis E virus
Optitrol NAT CHIKV	NT01122	Chikungunya virus
Optitrol NAT Dengue	NT01123	Dengue Virus
Optitrol NAT Malaria	NT01131	<i>Plasmodium falciparum</i>
Optitrol NAT Babesia	NT01132	<i>Babesia spp.</i>

For further information see instructions for use.  
 \* From date of manufacture

## Third Party Controls – Right where you need them

