

# RSV VIROLOGY SERVICES

Multicenter Clinical Trial Virology  
Cold Chain Solutions,  
Laboratory Diagnostics and  
Resistance Monitoring

**Q:**

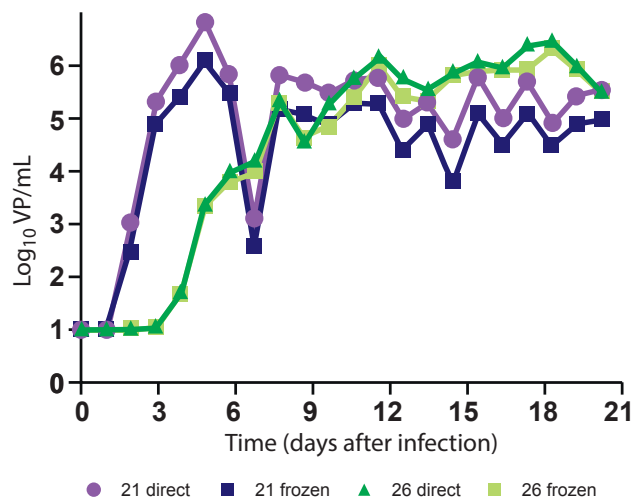
Can you quantify and sequence low viral load clinical samples directly ?

**A:**

YES, our ultrasensitive qRT-PCR and Sequencing methods do.

- Ultrasensitive and Deep Sequencing
- RSV-A, RSV-B
- Clinical specimens with low viral load
- Direct sequencing of clinical specimens without virus culture
- Detection minority variants down to 1%

Viral load: qPCR



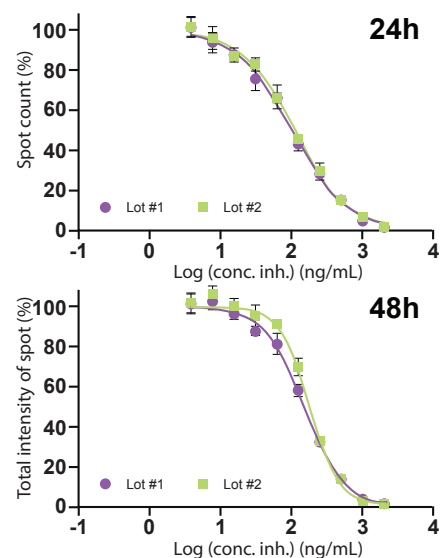
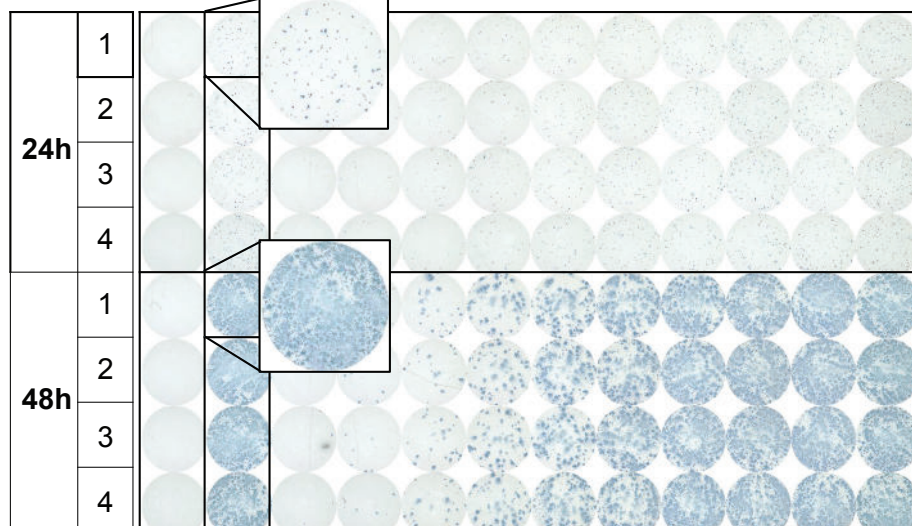
**Q:**

Can you perform phenotypic resistance testing with RSV ?

**A:**

YES, our ViroSpot assay detects phenotypic resistant (minority) variants.

RSVA Long	CC	VC	Palivizumab (ng/mL)									
			2,000	1,000	500	250	125	62.5	31.25	15.6	7.8	3.9
	1	2	3	4	5	6	7	8	9	10	11	12



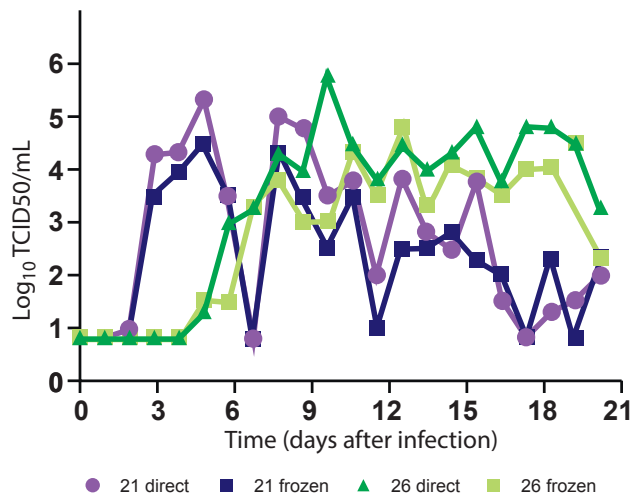
**Q:**

Is quantitative culture to detect infectious virus possible ?

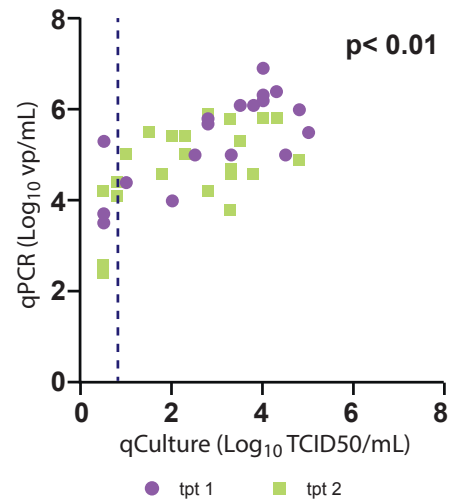
**A:**

YES, our cold chain design allows detection of infectious viral load in culture and further phenotypic characterization.

Viral load: qCulture



Nasopharyngeal swab viral load



**Q:**

Are RSV clinical samples stable in multicenter trial setting ?

**A:**

YES, our cold chain and sampling protocols provide reproducibility and stability.



- Customized Virology Sampling Kits and Optimized Sampling Protocols.



- Global Cold Chain Sample Logistics.



- Courier service, On line tracking and tracing, 24/7 Help-Desk.



# Meet the Expected



## Other Viral Targets:

- Influenza
- Rhino / Entero
- MERS
- Zika
- Dengue
- Chickungunya
- HCV / HBV
- VZV
- Rabies
- and more

## VIROCLINICS

**Headquartered in Rotterdam, The Netherlands, Viroclinics operates at a global level as the preferred virology testing laboratory for several of the top 10 biopharmaceutical companies.**

Viroclinics serves as a central and reference virology laboratory for phase I-IV clinical trials, and Viroclinics Xplore as a center of excellence for early stage and preclinical studies. Our clinical services include high throughput serology-, virology- and molecular assays, assay development services and clinical trial logistics services to support clinical sample handling and shipment, cold-chain management, tracking and tracing, training and reconciliation, and on line 24/7 helpdesk function.

Assay innovation, customized protocols, and introduction of new tools keep our services and analyses up to date with the increasingly demanding criteria for registration of vaccines and antiviral drugs. Our expertise, experience, and consultative approach will meet the expected and go beyond by setting new standards.

Please check whether we know your target and visit us at: **[www.viroclinics.com](http://www.viroclinics.com)**.

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plaques

GLP

qPCR

MERS

Influenza

assay development