

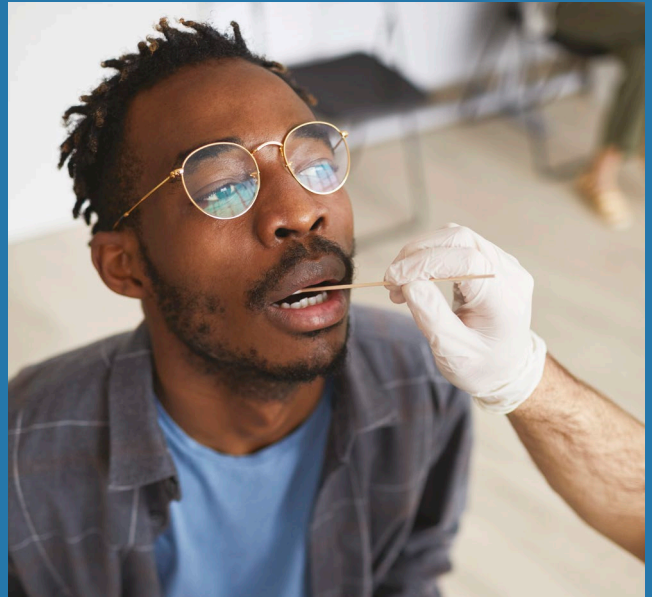
Winterplex - your solution  
to winter virus testing

NOVACYT  
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DESIGN





As winter approaches, the nights draw in and mornings get cooler, inevitably, the onset of winter also brings with it a range of all too familiar winter viruses including Flu, RSV and now additionally Covid. But when these winter illnesses all have similar signs and symptoms, how can you detect the true cause and therefore decide on how to treat the patient?

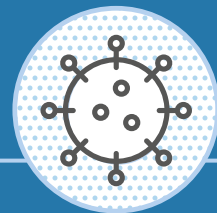


Be prepared for the cold and flu season, and know how to best protect patients and avoid outbreaks within your communities.

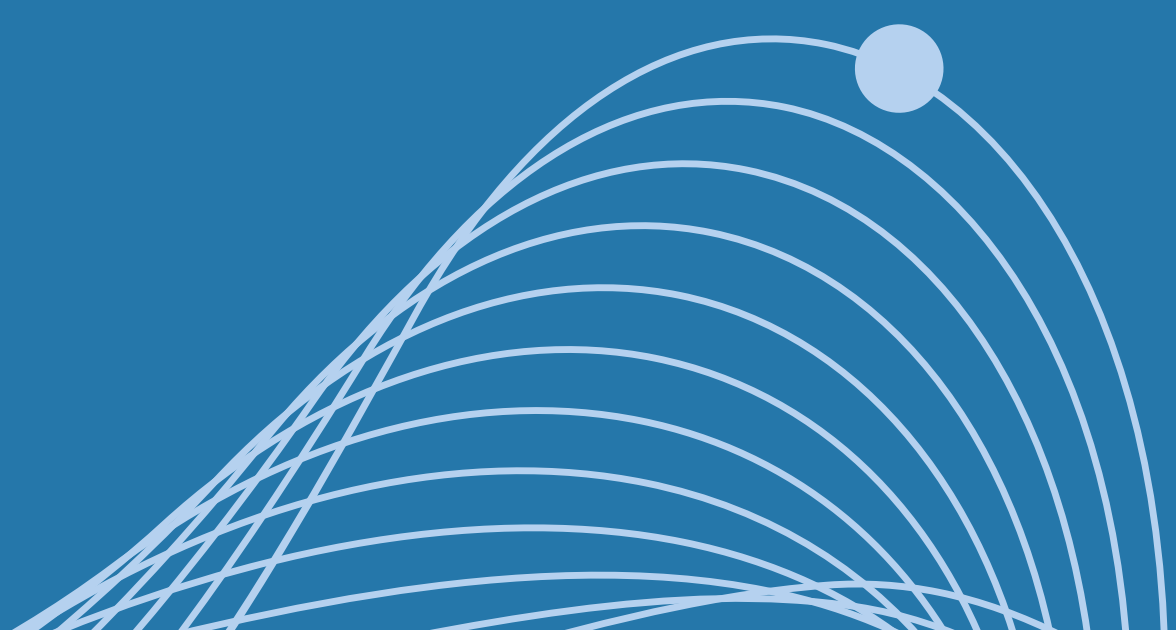
The Winterplex assay (genesig® SARS-CoV-2 Winterplex) enables simultaneous real-time PCR detection of multiple winter viruses from just one sample. This complete diagnostic assay detects RSV, Influenza A & B and SARS-CoV-2, saving both time and money and allowing an efficient testing workflow.

#### What does Winterplex Detect?

- ✓ SARS-CoV-2 (Orf1ab, S and M genes)
- ✓ Influenza A
- ✓ Influenza B
- ✓ RSV (A & B)



**Additionally, it is discriminatory between Flu A and B, therefore giving you a result without the need to retest samples.**



## Designed for Optimal Performance

The Winterplex two-tube set-up not only allows greater sensitivity and a broader detection profile, but also enables compatibility with a range of PCR instruments. Using the assay with your current compatible laboratory system can achieve reliable results and therefore improved patient management without disruption to your workflows and routine.

## Maximise Testing Efficiency

In addition to the convenience of testing for 4 winter viruses in one, Winterplex has standard reaction parameters to other assays in the genesig range, allowing the possibility of streamlined batching, and seamless and efficient detection of several analytes.

## Enhanced Clinical Utility

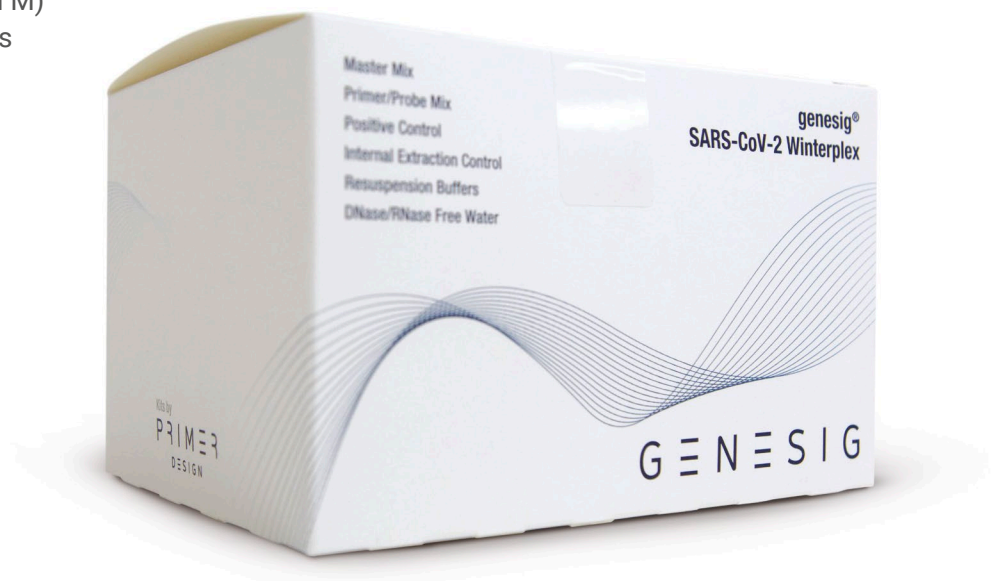
Several studies have shown Flu A to have a greater level of severity (compared to Flu B), a dynamic, faster changing nature and a large host range which may indicate it can lead to future pandemics. It has also been linked to lower respiratory tract infections. Winterplex differentiates between Flu A and Flu B, giving clinicians the information needed to direct the required patient pathway.

Assay performance is reviewed annually and updated when necessary to ensure that it detects the current circulating strains of the viruses. Following the most recent update, the three SARS-CoV-2 assays (Orf1ab, S and M) and RSV detect >99% of sequences circulating over the past year.

The Flu A and Flu B assays are predicted to detect >97% of sequences circulating over the past year. This data is based on the sequences collected and uploaded to the GISAID (Global Initiative on Sharing All Influenza Data) database.

### Kit Features

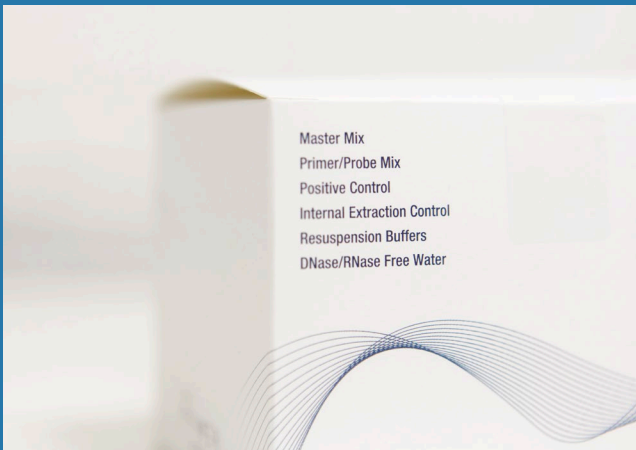
- ✓ Detection of the currently circulating strains of Influenza A, Influenza B, RSV and SARS-CoV-2
- ✓ High sensitivity and broad detection profile
- ✓ Precise, reproducible results
- ✓ Standard parameters, allowing possibility of batch testing
- ✓ Lyophilised qPCR Master Mix, negating the need for cold chain shipping
- ✓ Multiple results from one sample



## About Us

Primer Design and IT-IS International are part of Novacyt, together providing high quality reagents, kits and instrumentation for molecular diagnostic testing.

Primer Design provides one of the broadest selections of qPCR kits. We also design, validate and manufacture other qPCR products such as master mixes, qPCR controls and lyophilised reagents.



## Ordering Information

Product Code	Pack Size
D00020	96 Tests
Available as a research use only assay: R00021	96 Tests

## Related Products

**exsig® Mag**  
An ultra-sensitive magnetic bead based extraction system.



**genesig® q32**  
Real-Time qPCR Instrument for rapid centralised or near-patient Winterplex testing solution.



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Primer Design is part of Novacyt

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