

IntelliPlex™

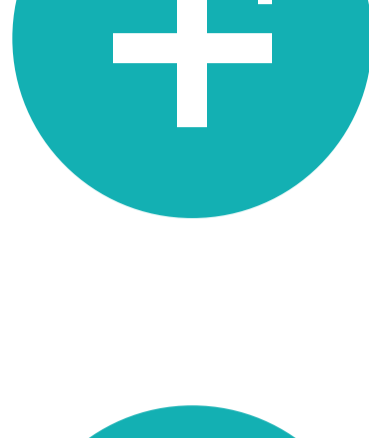
SARS-CoV-2/Flu Kit

Simultaneous detection and differentiation of SARS-CoV-2, influenza A and influenza B virus with a single respiratory specimen.



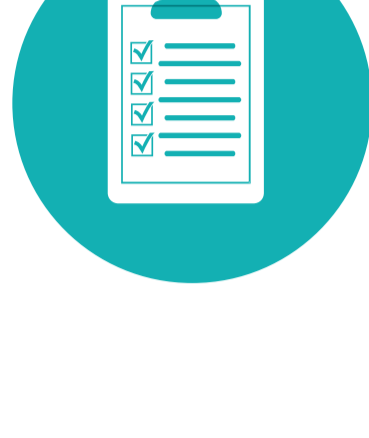
Single test with multiplex detection of 3 targets

- SARS-CoV-2: N gene, E gene, ORF1a gene
- Influenza A: M gene
- Influenza B: NP gene



High Sensitivity

- SARS-CoV-2: 100 copies/mL
- Influenza A: 1.0 TCID50/mL (Wisconsin/67/2005) 0.5 TCID50/mL (NWS/33-VR219)
- Influenza B: 0.5 TCID50/mL (Florida/02/06)



Test Quality Verification

Reference Gene Control (Human GUSB gene) and extraction control (MS2 phage) to verify testing validity



Fast and Easy data Analysis

ASSAY WORKFLOW

A seamless multiplexing workflow results in highly sensitive SARS-CoV-2, Influenza A, and Influenza B detection with minimal hands-on time.



Sample Collection



IntelliPrep TRIO 240

Nucleic Acid Extraction ~1 hour



Thermal Cycler

PCR Amplification ~1.5 hours



IntelliPlex™ 1000 πCode Processor

Hybridization ~1.5 hours



PlexBio™ 100 Analyzer

Analysis & Report ~1 hour

PRODUCT SPECIFICATION

IntelliPlex™ SARS-CoV-2/Flu Kit

Catalog Number	82304		
Technology	πCode™ Multiplex Technology		
Target	SARS-CoV-2	Influenza A	Influenza B
	N gene E gene ORF1a gene	M gene	NP gene
Sensitivity	100 copies/mL	1.0 TCID50/mL (Wisconsin/67/2005) 0.5 TCID50/mL (NWS/33-VR219)	0.5 TCID50/mL (Florida/02/06)
Throughput	288-384 samples within 9 hours		
Sample Type	Nasopharyngeal swab		
Sample Extraction	Automated *		
Turn Around Time	5 hours to the final report (extraction included)		
Hands-on Time	< 30 minutes		
Storage	-25 to -15° C / 2 to 8° C **		

* IntelliPrep TRIO 240 (Cat. No. 80042)

** The RT-PCR Master Mix of the IntelliPlex SARS-CoV-2/Flu Kit should be stored at -25 to -15°C separately upon arrival. Other kit components of the IntelliPlex SARS-CoV-2 /Flu Kit should be stored at 2 to 8°C.

ORDER INFORMATION

Category	Product Name	Unit Size	CAT. NO
Assay Kit	IntelliPlex™ SARS-CoV-2 /Flu Kit	1 kit 96 reactions	82304
Extraction Kit	IntelliPrep Nucleic Acid Extraction Kit (960)	1 kit 96 preparations	83011
	IntelliPrep TRIO 240	1 unit	80042
Instrument	IntelliPlex™ 1000 πCode Processor	1 unit	80030
	PlexBio™ 100 Analyzer	1 unit	80000
	Industrial Computer	1 unit	80002
Software	DeXipher™ RUO	1 set	80050



LinkedIn



PlexBio Website

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Statement

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