

# InFluDx RT-PCR Detection Kit

a Qualitative Assay for screening of Influenza A/B, and differentiation of H1N1 and H3N2 in human respiratory specimens.



## Clinical Relevance:

Respiratory tract infections are caused by many viral and bacterial pathogens and they are the second most common cause of morbidity and mortality worldwide. H1N1 influenza widely known as “Swine Flu” is a subtype of influenza A virus, a communicable viral illness causing upper and in some cases lower respiratory tract infections in its host. In the past ten years, H3N2 has tended to dominate in prevalence over H1N1, H1N2, and influenza B.

## Highlights:

- Single-tube, Multiplex, TaqMan probe-based Qualitative Assay for **screening of Influenza A/B, and differentiation of H1N1 and H3N2** in human respiratory specimens.
- **Compatible Sample** - human respiratory specimens
- **PCR Run Time** - 60 Minutes
- **Human Internal Control** - Beta Actin
- Open Platform Kit

## Target Genes

- ✓ Matrix Protein (M) in Influenza A
- ✓ Nucleoprotein (N) in Influenza B
- ✓ Hemagglutinin (HA) gene in H1N1 & H3N2

## Detection Channels

Influenza A/B	FAM
H1N1	Cy5
H3N2	ROX
Human Internal control	HEX

## InFluDx 5plex RT-PCR Detection Kit

InFluDx RT-PCR Detection Kit is a multiplex, TaqMan probe-based qualitative assay for differentiation of Influenza A, B, H1N1 and H3N2 in human respiratory specimens.

The kit reagents detect Matrix Protein (M) in Influenza A, Nucleoprotein (N) in Influenza B, Hemagglutinin (HA) gene in H1N1 and H3N2 along with Human internal control Beta Actin in a single tube with RNA as template.



## FluSureDx RT-PCR Detection Kit

FluSureDx RT-PCR Detection Kit is a multiplex, TaqMan probe-based qualitative assay for the detection of RSV A/B and differentiation of COVID-19, Influenza A, Influenza B, H1N1 and H3N2 in human respiratory specimens.

The kit reagents detect Respiratory Syncytial Virus A & B, Nucleoprotein (N), RNA-dependent RNA polymerase (RdRP) gene in SARS-CoV-2, Matrix Protein (M) in Influenza A, Nucleoprotein (N) in Influenza B, Hemagglutinin (HA) gene in H1N1 and H3N2 along with Human internal control in 2 tubes with RNA as template.

## Order Information:

Product	Catalog # (100* Rxns)
InFluDx RT-PCR Detection Kit	NIFD22120
InFluDx 5plex RT-PCR Detection Kit	NIFP23027
FluSureDx RT-PCR Detection Kit	NFSD23020

(\* Also Available in 50 Rxns & 20 Rxns Pack size)

## CONTACT US!

Developed & Manufactured by  
NeoDx Biotech Labs Pvt Ltd  
SR4, 4th floor, Pragathi Plaza, Opp. Biocon,  
Hebbagodi, Bengaluru, Karnataka India - 560100  
www.neodx.in | info@neodx.in

Marketed & Distributed By:  
DSS Imagetech Pvt. Ltd.  
Mohan Co-operative Industrial Estate, A-5, NH-19,  
Pocket A, Sarita Vihar, New Delhi, Delhi 110044  
www.dssimage.com