

PRODUCTS	RESPIRATORY VIRAL PANEL I (2019-nCoV, INFA/B, RSVA/B, HRV)	RESPIRATORY VIRAL PANEL II (2019-nCoV, INFA/B, RSVA/B)	RESPIRATORY VIRAL PANEL III (2019-nCoV, INFA/B)
CATALOGUE NO	RVI-RT100	RVII-RT100	RVIII-RT100
CERTIFICATION	CE-IVD	CE-IVD	CE-IVD
TARGET PATHOGENS & FLUOROPHORES	*Influenza A/B (FAM) *2019-nCoV (CY5) *Human Rhinovirus (ROX) *Respiratory Syncytial Virus A/B (Quasar 705) Internal Control (VIC)  Pentaplex PCR (5 colors)	*Influenza A/B (FAM) *2019-nCoV (CY5) *Respiratory Syncytial Virus A/B (ROX) Internal Control (VIC)  Quadriplex PCR (4 colors)	*Influenza A/B (FAM) *2019-nCoV (CY5) Internal Control (VIC)  Triplex PCR (3 colors)
VIRAL EXTRACTION	*Any commercial Solid-phase viral RNA extraction kit. *Direct qPCR from VNAT *geneMAP RNA Extraction Buffer (Enzymatic, 5 minutes at room temperature)	*Any commercial Solid-phase viral RNA extraction kit. *Direct qPCR from VNAT *geneMAP RNA Extraction Buffer (Enzymatic, 5 minutes at room temperature)	*Any commercial Solid-phase viral RNA extraction kit. *Direct qPCR from VNAT *geneMAP RNA Extraction Buffer (Enzymatic, 5 minutes at room temperature)
DURATION	<b>46 minutes</b> (After RNA Extraction) → 96 well plate  <b>60 minutes</b> → 384 well plate	<b>46 minutes</b> (After RNA Extraction) → 96 well plate  <b>60 minutes</b> → 384 well plate	<b>46 minutes</b> (After RNA Extraction) → 96 well plate  <b>60 minutes</b> → 384 well plate
SENSITIVITY	InFA:5 copies/reaction InFB:20 copies/reaction 2019nCoV:500 copies/mL RSVA:10 copies/reaction RSVB:10 copies/reaction HRV:35 copies/reaction	InFA:5 copies/reaction InFB:20 copies/reaction 2019nCoV:500 copies/mL RSVA:10 copies/reaction RSVB:10 copies/reaction	InFA:5 copies/reaction InFB:20 copies/reaction 2019nCoV:500 copies/mL
COMPATIBLE INSTRUMENTS	Bio-Rad® CFX96, Real-time PCR System (Bio-Rad)	Bio-Rad® CFX96, Real-time PCR System (Bio-Rad)  Bio-Rad® CFX384 Touch Real-Time PCR Detection System  Applied Biosystems™ 7500 Real-Time PCR Systems	Bio-Rad® CFX96, Real-time PCR System (Bio-Rad)  Bio-Rad® CFX384 Touch Real-Time PCR Detection System  Applied Biosystems™ 7500 Real-Time PCR Systems  LightCycler® 480 II, Cobas Z480

