

AFFIGENIX COVID 19 TEST (ACT-1™) 3 Genes MULTIPLEX KIT SINGLE TUBE FORMAT



ONE-STEP RT-QPCR KIT FOR DETECTION OF CORONAVIRUS (COVID-19) IN HUMANS

AFFIGENIX COVID-19 TEST (ACT-1™) 3 Genes MULTIPLEX KIT is a single tube format designed as per the recommended CDC guidelines for an in vitro detection of novel coronavirus (SARS-CoV-2) nucleic acids (RNA) in human nasopharyngeal swabs, throat swab samples and other respiratory samples. Our kit uses one-step real-time reverse transcriptase PCR with hydrolysis probe chemistry that uses the 5' nuclease activity of Taq polymerase.

The assay targets highly specific and conserved regions of the SARS-CoV-2 RNA such as E gene, N1 gene and ORF 1ab gene fragment for the detection of COVID-19.

FEATURES

- Primers and probes based on three target gene design and for RNase P.
- Target genes: N1, E, ORF1ab and an internal control gene RNase P
- No cross reactivity with other respiratory viruses.
- Kit provides all reagents required for RT-PCR.
- Compatible with all the real time RT-PCR instruments having measuring filters for FAM, HEX/VIC, Cy5 /Mustang Purple, Texas red/Rox channels.
- Specificity: 100%
- Analytical accuracy (LOD) of 100 copies/reaction.

HIGHLIGHTS

- Single tube format
- One step Multiplex Real time RT-PCR

KIT COMPONENTS

- Multiplex PCR mix (Master mix)
- Detection Mix (Primers and Probes)
- Positive control template (PCT)

ORDERING INFORMATION

Product Name	Catalogue No.	Reactions
Affigenix COVID 19 test (ACT-1™) 3 genes multiplex kit	ACT1-50	50
	ACT1-100	100
	ACT1-250	250
	ACT1-400	400

CERTIFICATION

- Clinically validated by ICMR National Institute of Virology, Pune, India.
- CDSCO licensed to manufacture for sales and distribution.

OUR OTHER PRODUCTS

- AFFISPIN™ COVID-19 viral RNA isolation kit Spin column method
- AFFIMAG™ COVID-19 viral RNA isolation kit Magnetic bead method

CONTACT US

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