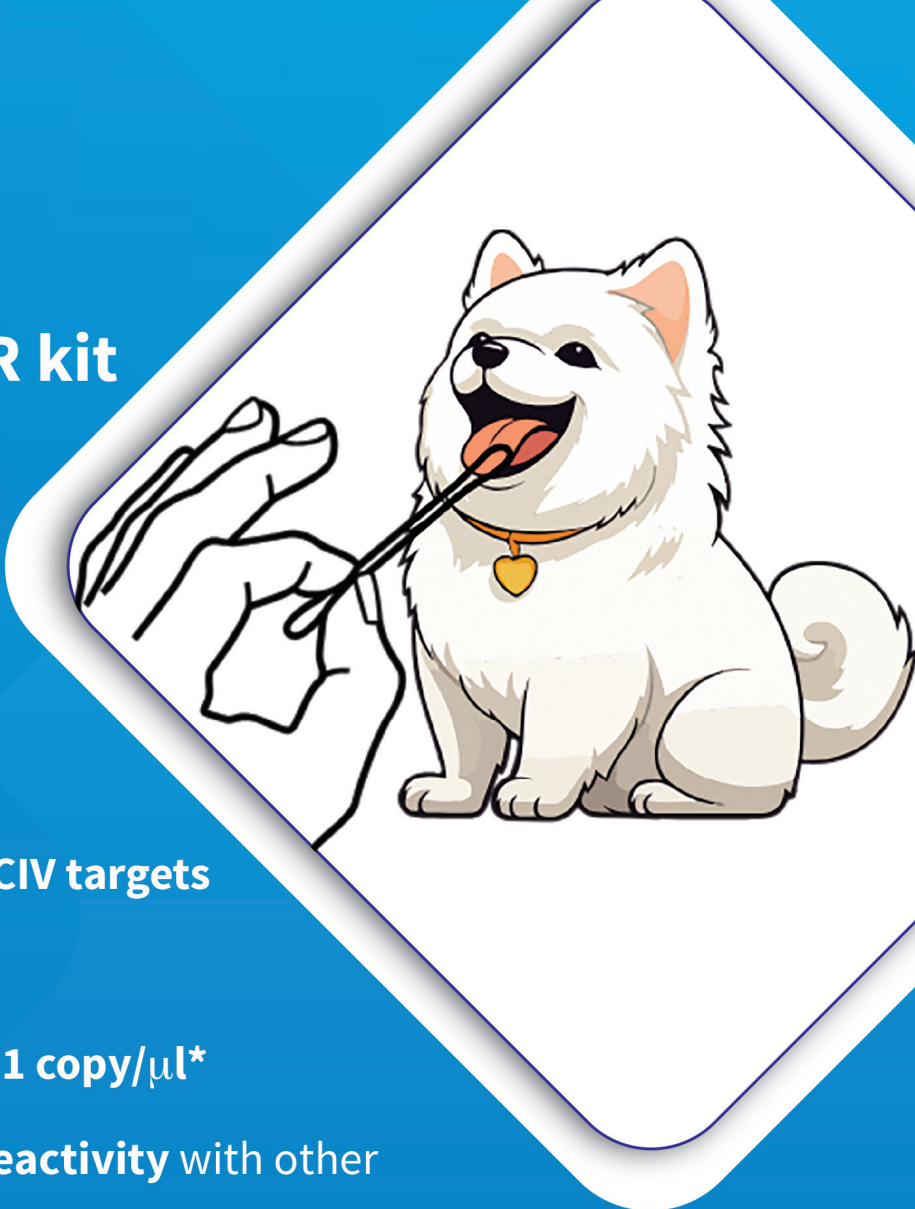


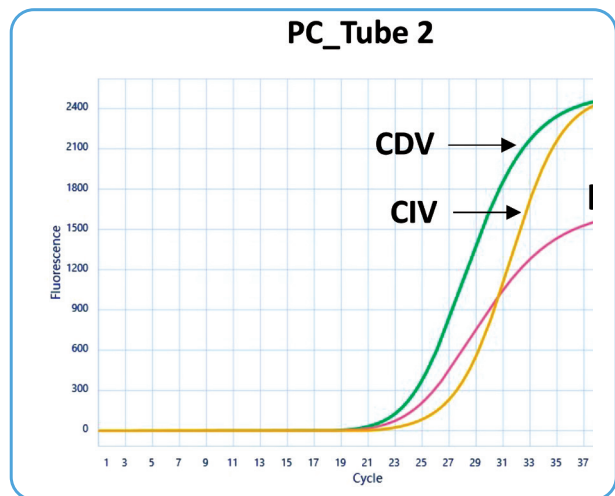
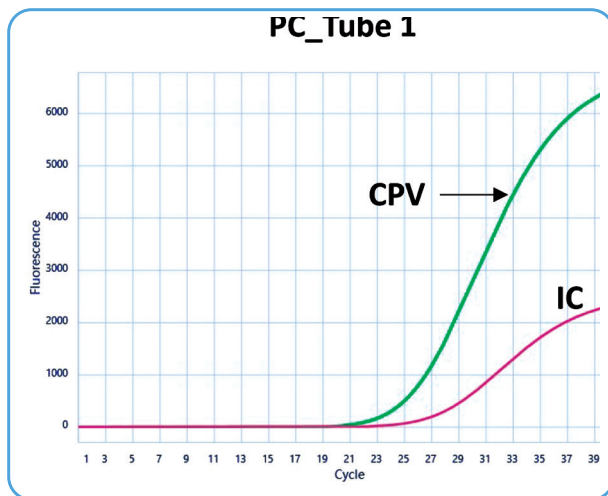
Hi-PCR® Canine Viral Pathogens Probe PCR kit MBPCR248

For specific detection of Canine Parvovirus, Canine Distemper virus and Influenza virus in Dog



- ◆ **Detection of CPV, CDV and CIV targets simultaneously**
- ◆ **Highly sensitive** – as low as **1 copy/μl***
- ◆ **Highly specific** – **No cross reactivity** with other clinically relevant pathogens
- ◆ **Exogenous internal control** to check any PCR inhibition
- ◆ **Open system** – Compatible with open 4-channel, 5-channel & 6 channel qPCR cyclers
- ◆ **Fast and reliable results in 100 minutes**

*Please refer to the 2nd page



Targets	Detection channel
CPV/ CDV	FAM
CIV	Cy5
IC	JOE/VIC/HEX

Limit of Detection (LoD)

- Canine Parvovirus (CPV): 5 copies/ μ L
- Canine Distemper virus (CDV): 25 copies/ μ L
- Canine Influenza virus (CIV): 1 copies/ μ L

Analytical specificity:

- No cross reactivity observed in silico analysis for all the 3 targets
- No cross reactivity observed in Wet testing carried out for 16 related pathogens

Kit information	
Catalog #	MBPCR248-25R, MBPCR248-50R, MBPCR248-100R
Kit size	25R, 50R, 100R
Kit format	2-Tube assay
Kit components	Canine RT Buffer mix Canine 10X solution Canine Enzyme mix Parvo primer probe mix Parvo positive control mix Distemp_FLU primer probe mix Distemp_FLU positive control mix Molecular Biology Grade water for PCR
Validated thermal cycles	Bio-Rad CFX Opus 96 Applied Biosystems QuantStudio 5 Insta Q96® AG Insta Q96® Plus Real Time PCR System
Sample/Specimen types	Tube1: DNA extracted from stool, rectal swab Tube2: RNA extracted from nasopharyngeal Swabs, whole blood

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