

## LIST OF ABBREVIATIONS

®	: Registered Trademark
ACTB	: Actin Beta gene
aMPV	: Avian Metapneumovirus
aMPV-C	: Avian Metapneumovirus Subgroup C
APCs	: Antigen Presenting Cells
APV	: Avian Pneumovirus
ARTIs/ ARIs	: Acute Respiratory Tract Infections
BHK	: Baby Hamster Kidney (cells)
BHQ	: Black Hole Quencher
bPIV	: Bovine Parainfluenza Virus
bRSV	: Bovine Respiratory Syncytial Virus
CDC	: Center for Disease Control
cDNA	: Complementary Deoxyribonucleic Acid
CDV	: Canine Distemper Virus
CPE	: Cytopathic Effect
Ct	: Threshold cycle
CXR	: Chest X-Ray
Cy5	: Cyanin 5
DC	: Dendritic Cells
DFA	: Direct Immunofluorescence Assay
DMV	: Dolphin Morbillivirus
DNA	: Deoxyribonucleic Acid
dNTPs	: Deoxyribonucleotides
ELISA	: Enzyme Linked Immunosorbent Assay
ER	: Endoplasmic Reticulum
et al.	: and his colleagues

etc.	: et cetera
F(ab') <sub>2</sub>	: Divalent antigen-binding Fragment
FAM	: Carboxy Fluorescein
FE	: Fisher Extract test
Fig.	: Figure
FITC	: Fluorescein Isothiocyanate
FRET	: Forster Resonance Energy Transfer
hBoV	: Human Bocavirus
HEK	: Human Embryonic Kidney (cells)
HEp-2	: Human Laryngeal Carcinoma (cells)
HeV	: Hendra Virus
hMPV	: Human Metapneumovirus
hPIV	: Human Parainfluenza Virus
hRSV	: Human Respiratory Syncytial Virus
i.e	: id est
IF	: Immunofluorescence
IFA	: Indirect Immunofluorescence
IFN	: Interferon
IL	: Interleukin
ILI	: Influenza-like Illness
IV	: Intravenous
Kb	: Kilo base
LBW	: Low Birth Weight
LED	: Light-emitting Diode
LLC-MK2	: Rhesus Monkey Kidney Epithelial (cells)
LRTIs	: Lower Respiratory Tract Infections
MC	: Monte Carlo (test)
MeV	: Measles Virus

Mg <sup>2+</sup>	: Magnesium
MgCl <sub>2</sub>	: Magnesium Chloride
mL	: milliliter
mm	: millimeter
MMLV	: Moloney Murine Leukemia Virus
mmol/L	: millimoles per liter
moDCs	: Monocyte-Derived Dendritic Cells
MRI	: Medical Research Institute
mRNA	: Messenger Ribonucleic Acid
MuV	: Mumps Virus
N.B.	: Nota Bene
NASBA	: Nucleic Acid Sequence-Based Amplification
NCBI	: National Center for Biotechnology Information
NDV	: Newcastle Disease Virus
NICU	: Neonatal Intensive Care Unit
NiV	: Nipah virus
nm	: nanometer
NMSO <sub>3</sub>	: Sulphated Sialyl Lipid
NPAs	: Nasopharyngeal Aspirates
NS	: Non-structural (protein)
nt	: Nucleotide
°C	: Degree Celsius
OM	: Otitis Media
ORFs	: Open Reading Frames
oRSV	: Ovine Respiratory Syncytial Virus
PBS	: Phosphate Buffered Saline
PCR	: Polymerase Chain Reaction
PDV	: Phocine Distemper Virus

pH	: Potential of Hydrogen
PIV	: Parainfluenza Virus
PVM	: Murine Pneumovirus
Q-PCR (qPCR)	: Quantitative Polymerase Chain Reaction
RFU	: Relative Fluorescence Unit
RIG-I	: Retinoic Acid-Inducible Gene I
RNA	: Ribonucleic Acid
RNP	: Ribonucleoprotein (complex)
rpm	: round per minute
RPV	: Rinderpest Virus
RR	: Relative Risk
RR	: Respiratory Rate
RSV	: Respiratory Syncytial Virus
RT	: Reverse Transcriptase
RTIs	: Respiratory Tract Infections
RT-PCR	: Reverse-transcription Polymerase Chain Reaction
SD	: Standard Deviation
SeV	: Sendai virus
SH	: Small Hydrophobic (protein)
SPSS	: Statistical Package for the Social Sciences
SV41	: Simian Virus 41
TAMRA	: Carboxytetramethylrhodamine
TM	: Trademark
tMK	: Tertiary Monkey Kidney (cells)
TNF	: Tumor Necrosis Factor
URIs	: Upper Respiratory (tract) Infections
vs.	: Versus
VSV	: Vesicular Stomatitis Virus

WHO : World Health Organization

x g : Times gravity

$\lambda$  : Wavelength

$\mu\text{g}$  : Microgram

$\mu\text{L}$  : Microliter

$\chi^2$  : Chi square value

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