

Abbreviations:

μl	:	microlitre
μg	:	microgram
ng	:	nanogram
gm	:	gram
h	:	hour/hours
APC	:	Antigen-presenting cell
CSA	:	Crude soluble antigen
CL	:	Cutaneous leishmaniasis
CVL	:	Canine visceral leishmaniasis
DC	:	Dendritic cell
DCL	:	Diffused cutaneous leishmaniasis
dLN	:	Draining lymph node
ECM	:	Extracellular matrix
FP	:	Flagellar pocket
FML	:	Fucose-mannose ligand
GAPDH	:	Glyceraldehyde-3-phosphate dehydrogenase
HRP	:	Horse radish peroxidase
HPB	:	Heterologous prime-boost
IL	:	Interleukin
IFN-γ	:	Interferon-γ
LPG	:	Lipophosphoglycan
Lm-pcDNA	:	LmjF_36_3850-pcDNA

LmAdeK	:	<i>L. major</i> adenylate kinase
Leish-pcDNA	:	LmAdeK-pcDNA
MCL	:	Muco-cutaneous leishmaniasis
ML	:	Mucosal leishmaniasis
NW	:	New world
NO	:	Nitric oxide
NET	:	Neutrophil extracellular trap
NK cell	:	Natural killer cell
NKT cell	:	Natural killer T cell
OW	:	Old world
PM	:	Peritrophic membrane
PSG	:	Promastigote secretory gel
PBMC	:	Peripheral blood mononuclear cell
PKDL	:	Post Kala-azar dermal leishmaniasis
PV	:	Parasitophorous vacuole
qPCR	:	quantitative polymerase chain reaction
RPMI	:	Rosewell Park Memorial Institute
RT-PCR	:	Reverse transcriptase Polymerase chain reaction
ROI	:	Reactive oxygen species
rAdeK	:	recombinant LmAdeK
TMB	:	3, 3', 5, 5' Tetramethyl benzidine
TNF- α	:	Tumor necrosis factor α
TGF- β	:	Transforming growth factor β

T _{EM}	:	Effector memory T cell
T _{CM}	:	Central memory T cell
T _{RM}	:	Tissue resident memory T cell
TLR	:	Toll-like receptor
Th	:	T-helper cell
Treg	:	Regulatory T cell
VL	:	Visceral leishmaniasis