

Abbreviation

1-D	one-dimensional
2-D	two-dimensional
2-DE	two-dimensional gel electrophoresis
ACN	Acetonitrile
Ad	Adult
ALB	Albendazole
ANOVA	Analysis of variance
Bis	N,N'-methylenebisacrylamide
BmA	<i>Brugia malayi</i> adult extract
BSA	Bovine serum albumin
CBB	Coomassie Brilliant Blue
CHAPS	3-[(3-cholamidopropyl)dimethylammonio]- 1-propanesulfonate
CHCA	α -cyano-4-hydroxycinnamic acid
Con A	Concanavalin A
CPM	Counts per minute
Da	dalton (molecular mass)
DALY	Disability adjusted Life years
DEC	Diethylcarbamazine
DMEM	Dulbecco's modified Eagle medium
DTT	Dithiothreitol
EDTA	Ethylenediaminetetraacetic acid
ELISA	Enzyme-linked immunosorbent assay
FBS	Fetal bovine serum
FCA	Freund's complete adjuvant
FIA	Freund's Incomplete adjuvant
GAELF	The Global Alliance to Eliminate Lymphatic Filariasis
GBD	global burden of disease
HEPES	N-(2-hydroxyethyl)piperazine-2'- (2-ethanesulfonic acid)
HRP	Horseradish peroxide
HSP	Heat shock protein
IEF	Isoelectric focusing
IFN- γ	Interferon-gamma
Ig	Immunoglobulin
IGD	In gel digestion
IL-1, 4, 6 or 10	Interleukin-1, 4, 6 or 10

IPG	Immobilized pH gradient
IS	Insect saline
IVM	Ivermectin
Kc	Kilocycle per second
kDa	Kilodalton
L ₃	Third stage larvae
LC	liquid chromatography
LF	Lymphatic filariasis
LPS	Lipopolysaccharide
mAb	monoclonal antibody
MAF	Macrofilaricidal
MALDI-MS	Matrix-assisted laser desorption ionization-mass spectrometry
Mf	Microfilaria
Mf-mia	Microfilaraemia
MHC	Major histocompatibility complex
MIF	Microfilaricidal
mM	Millimolar
MS	Mass spectrometry
MS/MS	Tandem mass spectrometry
NCP	Nitrocellulose paper
NF-κB	Nuclear factor-κB
NO	Nitric oxide
OD	Optical density
OPD	Orthophenylenediamine
PAGE	polyacrylamide gel electrophoresis
PBS	Phosphate buffered saline
p.c.	Peritoneal cavity
pg	pico gram
pI	Isoelectric point
p.l.i.	Post L ₃ infection
PMF	peptide mass fingerprinting
PMSF	phenylmethylsulfonyl fluoride
PVDF	polyvinylidene difluoride
RH	Relative humidity
rpm	Revolutions per minute
SD	Standard deviation
SDS	Sodium dodecyl sulfate
T ₂₀	Tween-20

TBS	Tris-buffered saline
TDW	Triple distilled water
TEMED	N,N,N',N'-tetramethylethylenediamine
TFA	Trifluoroacetic acid
TGF- β	Transforming growth factor – β
Th1	T helper type-1
Th2	T helper type-2
TNF- α	Tumor necrosis factor – α
TOF	Time of flight
TPE	Tropical pulmonary eosinophilia
Tris	Tris (hydroxymethyl) aminomethane
Vh	Volt \times hours
YLD	Years lossed to disability

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