



Abbreviations



Abbreviations

Ach	:	Acetylcholine
AChE	:	Acetylcholinesterase
<i>Ad libitum</i>	:	(L) at one's pleasure
BSA	:	Bovine serum albumin
Bmax	:	Maximum number of binding sites
cAMP	:	Cyclic adenosine monophosphate
CAR	:	Conditioned Avoidance Response
ChAT	:	Choline acetyltransferase
CNS	:	Central nervous system
°C	:	Degree centigrade
DA	:	Dopamine
DBH	:	Dopamine β-hydroxylase
DCFH-DA	:	2',7'-Dichlorodihydrofluorescein Diacetate
DMSO	:	Dimethylsulphoxide
DOPAC	:	3,4-dihydroxyphenylacetic acid
EDTA	:	Ethylene diamine tetra acetic acid
EPN	:	Epinephrine
ETC	:	Electron transport chain
g	:	Gram
GABA	:	γ-aminobutyric acid
GSH	:	Reduced glutathione
GSM	:	Grip strength meter
H ₂ O ₂	:	Hydrogen peroxide
HVA	:	Homovanillic acid
HRP	:	Horseradish peroxidase
i.p.	:	intra peritoneal
i.v	:	intra venous
Kd	:	Dissociation constant
kd	:	Kilodalton

kg	:	Kilogram
LD	:	Lethal dose
L-DOPA	:	L-3, 4-dihydroxyphenyl-alanine
M	:	Molar
mg	:	Milligram
ml	:	Milliliter
mm	:	Millimeter
mM	:	Millimolar
MMP	:	Mitochondrial membrane potential
mRNA	:	Messenger ribonucleic acid
N	:	Normal
NBT	:	Nitro blue tetrazolium
NADH	:	Nicotinamide adenine dinucleotide
NADPH	:	Nicotinamide adenine dinucleotide phosphate
ng	:	Nanogram
nm	:	Nanometer
nM	:	Nanomolar
NO	:	Nitric oxide
NE	:	Norepinephrine
PBS	:	Phosphate buffered saline
PCA	:	Perchloric acid
PD	:	Postnatal day
pg	:	Pico gram
pmol	:	Pico mole
POPOP	:	1,4, bis 5-Phenyl oxazolyl benzene
PPO	:	2,5-Diphenyl oxazole
PUFA	:	Polyunsaturated fatty acid
QNB	:	Quinuclidinyl Benzilate
rpm	:	Revolutions per minute
ROS	:	Reactive oxygen species
RT-PCR	:	Reverse transcriptase-polymerase chain reaction

SDS	:	Sodium dodecyl sulphate
SEM	:	Standard error of mean
SLA	:	Spontaneous locomotor activity
TEMED	:	N,N,N tetra methylene diamine
TH	:	Tyrosine hydroxylase
V/v	:	Volume/volume
W/v	:	Wight/volume
μg	:	Microgram
μl	:	Microliter
μM	:	Micromolar
QNB	:	Quinuclidinyl benzilate
6-OHDA	:	6-Hydroxydopamine
³ H	:	Tritium
Cd	:	Cadmium
QUR	:	Quercetin