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ABBREVIATIONS

%	Percent
°C	Degree Celsius
μg	Microgram
μM	Micromolar
μm	Micrometre
μl	Microlitre
cm	Centrimetre
mm	Millimetre
mmol	Millimole
ng	Nanogram
nm	Nanometre
Kg	Kilogram
ABC	ATP-binding cassette
APS	Ammonium persulphate
BSA	Bovine serum albumin
bp	Base pair
cDNA	Complementary DNA
Cm	Centimetre
Cm ²	Square centrimetre
CO ₂	Carbon dioxide
Ci	Curie
CuSO ₄	Copper sulfate
μCi	Microcurie
DDH ₂ O	Double distilled water
DMEM	Dulbecco's modified Eagle's medium
DMSO	Dimethyl sulfoxide
dpm	Disintegration per minute
ECL	Enhanced chemiluminescence

EDTA	Ethylene diamine tetraacetic acid
ELISA	Enzyme linked immunosorbent assay
FCS	Fetal calf serum
GBq	Gigabecquerel (1.0×10^9 becquerel)
g	Gram
h	Hour
HEPES	N-2-hydroxyethylpiperazine-N-2-ethanesulfonic acid
IC ₂₀	Inhibitory concentration at 20% growth
IC ₅₀	Inhibitory concentration at 50% growth
KCl	Potassium chloride
kDa	Kilodalton
KH ₂ PO ₄	Potassium dihydrogen phosphate
KOH	Potassium hydroxide
Mab	Monoclonal antibody
MDR	Multidrug resistance
<i>mdr-1</i>	Multidrug resistance gene
<i>MDR-1</i> , <i>MDR-3</i>	The isoforms of <i>mdr-1</i> gene in human
<i>mdr-1a</i> , <i>mdr-1b</i>	The isoforms of <i>mdr-1</i> gene in rodents
mg	Milligram
MgCl ₂	Magnesium chloride
min	Minute
ml	Millilitre
MTT	3-(4,5 dimethylthiazole-2yl)-2,5 diphenyltetrazolium bromide)
NaOH	Sodium hydroxide
NaCl	Sodium chloride
NaHCO ₃	Sodium bicarbonate
Na ₂ CO ₃	Sodium carbonate
NaH ₂ PO ₄	Sodium dihydrogen phosphate
Na ₂ HPO ₄	Sodium hydrogen phosphate
PBS	Phosphate buffer saline

P-gp	P-glycoprotein
POPOP	1,4-bis[2-(5-phenyloxazolyl)]benzene
PPO	2,5-Diphenyloxazole
rpm	Revolution per minute
SDS-PAGE	Sodium dodecyl sulfate-polacrylamide gel Electrophoresis
TEMED	N,N,N,N,-tetramethyl ethylene-diamine
TFA	Trifluoroacetic acid
THF	Tetrahydrofuran
TM	Transmembrane
Tris-base	Tris (hydroxymethyl aminomethane)
VBL	Vinblastine