

List of abbreviations

Abbreviations	Full form
ALP	Alkaline phosphatase
B-ALP	Biotinylated alkaline phosphatase
BMP	Bacterial magnetic particles
BSA	Bovine serum albumin
CDI	Carbodiimide
DHDP	Dihexa decyl phosphate
DMEM	Dulbecos Modified Eagles Medium
DOX	Doxorubicin
EDTA	Ethylene diamine tetraacetic acid
ELISA	Enzyme linked immunosorbent assay
Fe ₃ O ₄	Magnetite, Magnetic particle, Magnetic nanoparticle
Fe ₃ S ₄	Greigite
FITC	Flourescein isothiocyanate
FTIR	Fourier Transform Infrared Spectroscopy
GAPDH	Glyceraldehyde-3-phosphate-dehydrogenase
GOD	Glucose oxidase
GTE	Glucose Tris EDTA
HGP	Human Genome Project
IND	Indomethacin
ML	Magnetoliposomes
MSPS	Magnetizable solid phase support
MTC	Magnetic targeted carriers
NTA	Nitriloacetic acid

PBS	Phosphate Buffered Saline
PCR	Polymerase Chain Reaction
PEG	Polyethylene glycol
PLA	Poly lactic acid
RNase A	Ribonuclease A
RT-PCR	Reverse Transcriptase Polymerase Chain Reaction
SA	Streptavidin
SAR	Specific absorption rate
SDS	Sodium dodecyl sulphate
SPIONs	Super paramagnetic iron oxide nanoparticles
SPRI	Solid phase reversible immobilization
SSC	Saline sodium citrate
STET	Sucrose-Tris-EDTA-Triton
TE	Tris-EDTA buffer
TEM	Transmission Electron Microscopy
YEME	Yeast Extract Malt Extract
YPD	Yeast Potato Dextrose