

COMMON ABBREVIATIONS USED IN THIS *TERRESTRIAL MANUAL*

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|-------------------|---------------------------------------------------------|------------------|---------------------------------------------------------------|
| ABTS | 2,2'-azino-di-(3-ethyl-benzthiazoline)-6-sulphonic acid | EMTM | Evans' modified Tobie's medium |
| AGID | Agar gel immunodiffusion | EYL | Earle's yeast lactalbumin (balanced salt solution) |
| ATCC ¹ | American type culture collection | FAT | Fluorescent antibody test |
| BBAT | Buffered <i>Brucella</i> antigen test | FAVN | Fluorescent antibody virus neutralisation |
| BCIP | 5-bromo-4-chloro-3-indolyl-phosphate | FBS | Fetal bovine serum |
| BFK | Bovine fetal kidney (cells) | FITC | Fluorescein isothiocyanate |
| BGPS | Beef extract-glucose-peptone-serum (medium) | FLK | Fetal lamb kidney (cells) |
| BHK | Baby hamster kidney (cell line) | FPA | Fluorescence polarisation assay |
| BLP | Buffered lactose peptone | <i>g</i> | Relative centrifugal force |
| BPAT | Buffered plate antigen test | GIT | Growth inhibition test |
| BSA | Bovine serum albumin | HA | Haemagglutination |
| BSF | Bovine serum factors | HAD | Haemadsorption |
| CAM | Chorioallantoic membrane | HBSS | Hanks' balanced salt solution |
| CAT | Card agglutination test | H&E | Haematoxylin & eosin (stain) |
| CEF | Chicken embryo fibroblast | HEP | High-egg-passage (virus) |
| CF | Complement fixation (test) | HEPA | High-efficiency particulate air (filter) |
| CFU | Colony-forming unit | HEPES | N-2-hydroxyethylpiperazine, N-2-ethanesulphonic acid (buffer) |
| CIEP | Counter immunoelectrophoresis | HI | Haemagglutination inhibition |
| CK | Calf kidney (cells) | HRPO | Horseradish peroxidase |
| CNS | Central nervous system | IB | Immunoblot test |
| CPE | Cytopathic effect | ICFTU | International complement fixation test unit |
| CPLM | Cysteine-peptone-liver infusion maltose (medium) | ICPI | Intracerebral pathogenicity index |
| CSY | Casein-sucrose-yeast (agar) | ID ₅₀ | Median infectious dose |
| Ct | cycle threshold (PCR tests) | IFA | Indirect fluorescent antibody (test) |
| DEAE | Diethylaminoethyl | IGRA | Interferon gamma release assay |
| DEPC | Diethylpyrocarbonate | IHA | Indirect haemagglutination |
| DIVA | Detection of infection in vaccinated animals | IPMA | Immunoperoxidase monolayer assay |
| DMEM | Dulbecco's modified Eagle's medium | IU | International units |
| DMSO | Dimethyl sulfoxide | IVPI | Intravenous pathogenicity index |
| DTH | Delayed-type hypersensitivity | LA | Latex agglutination |
| EDTA | Ethylene diamine tetra-acetic acid | LD | Lethal dose |
| EGTA | Ethylene glycol tetra-acetic acid | LEP | Low egg passage (virus) |
| EID | Egg-infective dose | LPS | Lipopolysaccharide |
| ELISA | Enzyme-linked immunosorbent assay | MAb | Monoclonal antibody |

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|--------|------------------------------------------------------------------------------|--------------------|-------------------------------------------------|
| MALDI | Matrix assisted laser desorption ionisation time of flight mass spectrometry | PPD | Purified protein derivative |
| TOF MS | | | |
| MCS | Master cell stock | MAT | Microscopic agglutination test |
| MDBK | Madin–Darby bovine kidney (cell line) | PHA | Passive haemagglutination (test) |
| MDT | Mean death time | PPLO | Pleuropneumonia-like organisms |
| MEM | Minimal essential medium | PRN | Plaque reduction neutralisation |
| MHC | Major histocompatibility complex | PSG | Phosphate-buffered saline glucose |
| MLST | Multi-locus sequence typing | RBC | Red blood cell |
| MLV | Modified live virus (vaccine) | RFLP | Restriction fragment length polymorphism |
| m.o.i. | multiplicity of infection | RK | Rabbit kidney |
| MSV | Master seed virus | RPM | Revolutions per minute |
| NI | Neutralisation index | RSA | Rapid serum agglutination |
| NBT | Nitro blue tetrazolium | RT-PCR | Reverse-transcriptase polymerase chain reaction |
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| NPLA | Neutralising peroxidase-linked assay | SAN | Specific antibody negative |
| OD | Optical density | SAT | Serum agglutination test |
| OGP | 1-octyl-beta-D-glucopyranoside (buffer) | SDS | Sodium dodecyl sulphate |
| OPD | Orthophenyldiamine (chromogen) | SOP | Standard operating procedure |
| OPG | Oxalase-phenol-glycerin (preservative solution) | SPF | Specific pathogen free |
| ORF | Open reading frame | SPG | Sucrose phosphate glutamic acid |
| PAGE | Polyacrylamide gel electrophoresis | SRBC | Sheep red blood cells |
| PAP | Peroxidase–antiperoxidase (staining procedure) | TCID ₅₀ | Median tissue culture infective dose |
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| PAS | Periodic acid-Schiff (reaction) | TMB | Tetramethyl benzidine |
| PBS | Phosphate-buffered saline | TSI | Triple sugar iron (medium) |
| PCR | Polymerase chain reaction | VB | Veronal buffer |
| PD | Protective dose | VBS | Veronal buffered saline |
| PFGE | Pulsed field gel electrophoresis | Vero | African green monkey kidney (cells) |
| PFU | Plaque-forming unit | VN | Virus neutralisation |

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