



**World Health
Organization**

Regional Office for South-East Asia

**ESTABLISHMENT
OF PCR LABORATORY
IN DEVELOPING
COUNTRIES**





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ABBREVIATIONS



BHQ	Black hole quencher
CMV	Cytomegalovirus
CSF	Cerebrospinal fluid
Cy5	Cyanine 5
DABCYL	4-dimethylaminobenzene-4'-sulphonyl (4- (4'-dimethylaminophenylazo) benzoic acid)
cDNA	Complementary DNA
Ct	Threshold cycle
Rn	Normalized reporter
DNA	Deoxyribonucleic acid
dNTPs	Deoxynucleoside triphosphates
EBV	Ebstein Barr virus
EDTA	Ethylenediaminetetraacetic acid
ELISA	Enzyme linked immunosorbent assay
FAM 6	carboxy-fluorescein
FRET	Fluorescence resonance energy transfer
HHV 6	Human herpes virus 6
HIV	Human immunodeficiency virus
HSV	Human herpes virus
HTLV	Human T lymphotropic virus
JOE	6-carboxy-4',5'-dichloro-2', 7'-dimethoxyfluorescein

NTC	Non-template control
PCR	Polymerase chain reaction
ROX	6-carboxy-X-rhodamine
RNA	Ribonucleic acid
RT-PCR	Reverse transcriptase PCR
SARS	Severe acute respiratory syndrome
SOP	Standard operating procedures
TAMRA	6-carboxytetra-methylrhodamine
Tm	Melting temperature
VTM	Viral transport medium
VZV	Varicella zoster virus

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