

Virus	Gene	Primer/Probes	Sequence (5' - 3')	Reference
Acute Respiratory Infection				
Influenza A H1N1 pdm	HA	NIID-swH1 TaqMan Primer-F1	AGAAAAGAATGTAACAGTAACACACTCTGT	[9]
		NIID-swH1 TaqMan Primer-R1	TGTTTCCACAATGTARGACCAT	
Influenza A H3N2	HA	NIID-swH1 Probe2	(FAM)-CAGCCAGCAATRTTRCATTTTACC-(MGB)	[9]
		NIID-H3 TaqMan Primer-F1	CTATTGGACAATAGTAAAACCGGTGA	
Influenza B	NS	NIID-H3 TaqMan Primer-R1	GTCAATTGGGRATGCTTCCAATTGG	[10]
		NIID-H3 Probe1	(FAM)-AAGTAACCCCKAGGAGCAATTAG-(MGB)	
Respiratory syncytial (RS) virus	N	NIID-TypeB TMPrimer-F1	GGAGCAACCAATGCCAC	[11]
		NIID-TypeB TMPrimer-R1	GTCTAGGCGGCTTGACCAG	
Human metapneumovirus	N	NIID-TypeB Probe1	(FAM)-ATAAACTTTGAAGCAGGAAT-(MGB)	[12]
		Forward	GCTCTAGCAAAGTCAAGTTAATGATACA	
Enterovirus	5' UTR (397 nt)	Researce	GTTTYTGCACATCATAATTRGGAGT	[15]
		Probe	(VIC)-CTRTCATCCAGCAAATAYACYATCCAACGKAGYACAGG-(MGB)	
Enterovirus	5' UTR (397 nt)	Forward	CATATAAGCATGCTATATAAAAAGAGTCTCA	[16]
		Researce	CCTATTCTGCATATTTGTAATCAG	
Enterovirus	5' UTR (397 nt)	Probe	(FAM)-CAACHGCAGTRACCCYTCATCATRCA-(BHQ1)	[15]
		DK001	CAAGCACTTCTGTTCCC	
Enterovirus	5' UTR (397 nt)	DK004	CACGGACACCCAAAGTAGT	[16]
		DK004	CACGGACACCCAAAGTAGT	
Acute Gastroenteritis				
Rotavirus	VP4 (876 nt)	Con3m	TGGCTTCGCTCATTTTATAGACA	[18]
		Con2	ATTTCCGACCATTATAACC	
Rotavirus	VP7 (881 nt)	VP7-F	ATGATGGTATTGAATATACCAC	[18]
		VP7-R	AACTTGCCACCATTTTTTCC	
Norovirus Genogroup I	ORF1-ORF2	COG1F	CGYTGATGCGNTTYCATGA	[13]
		COG1R	CTTAGACCCATCATCATTYAC	
Norovirus Genogroup II	ORF1-ORF2	RING1(a)-TP (FAM-TAMRA)	(FAM)-AGATYGGGATCYCCTGTCCA-(TAMRA)	[13]
		RING1(b)-TP (FAM-TAMRA)	(FAM)-AGATCGCGGCTCCTGTCCA-(TAMRA)	
Hepatitis A virus	VP1-2A (280 nt) *	COG2F	CARGARBCNATGTTYAGRTGGATGAG	[19]
		COG2R	TCGACGCCATCTTCAATCACA	
Hepatitis A virus	VP1-2A (280 nt) *	RING2-TP (FAM-TAMRA)	(FAM)-TGGGAGGGCGATCGCAATCT-(TAMRA)	[19]
		HAV-2799	ATTCAGATTAGACTGCCTTGGTA	
Hepatitis A virus	VP1-2A (280 nt) *	HAV-3273	CCAAGAAACCTTCATTATTTTCATG	[19]
		HAV-2907	GCAAATTACAATCATTCTGATGA	
Hepatitis A virus	VP1-2A (280 nt) *	HAV-3162	CTTCYTGAGCATACTKARTCTTTG	[19]
		HAV-3162	CTTCYTGAGCATACTKARTCTTTG	
Other fecrile illness				
Dengue virus serotype I	NS5	DEN-1 F	CAAAAGGAAGTCGTGCAATA	[14]
		DEN-1 C	CTGAGTGAATCTCTACTGAACC	
Dengue virus serotype II	E	DEN-1 probe (FAM/BHQ-1)	(FAM)-CATGTGGTGGGAGCACGC-(BHQ-1)	[14]
		DEN-2 F_Revised	CAGGCTATGGCACTGTCACGAT	
Dengue virus serotype III	M	DEN-2 C_Revised	CCATTTCGAGCAACACCATCTC	[14]
		DEN-2 probe_Revised (HEX/BHQ-1)	(HEX)-CTCTCCGAGAACGGCCTCGACTCAA-(BHQ-1)	
Dengue virus serotype III	M	DEN-3 F	GGACTGGACACACGCCTCA	[14]
		DEN-3 C	CATGTCTCTACCTTCTCGACTTGTCT	
Dengue virus serotype IV	M-E	DEN-3 probe (TR/BHQ-2)	(TR)-ACCTGGATGTCGGCTGAAGGAGCTTG-(BHQ-2)	[14]
		DEN-4 F	TTGTCTAATGATGCTGGTTCG	
Chikungunya virus	E1 (294 nt)	DEN-4 C	TCCACCTGAGACTCCTTCCA	[17]
		DEN-4 probe (C ₅ /BHQ-3)	(C ₅)-TTCCTACTCTACGCATCGCATCCG-(BHQ-3)	
Chikungunya virus	E1 (294 nt)	CHIK/E1-S	TACCATTATGTTGGGGC	[17]
		CHIK/E1-C	GCCTTTGTACACCCAGGATT	

* Nested PCR

** The primer sequence of hMPV and RSV has been modified