

Materials List for Real-Time Quantitative Reverse Transcription PCR for Diagnosing Viral Infections

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Materials

Name	Company	Catalog Number	Comments
Art Barrier pipette tips (various sizes)	Thermofisher	various	
Centrifuge	Beckman	Allegra 21R	Rotor capable of holding 96 well plates required. Step 3.8.
Centrifuge (micro)	Sigma		
Finnpipettes (to dispense 0.5-1000 μ L)	Thermofisher	various	
iTaq Universal SYBR Green One-Step RT-PCR kit	Bio-Rad	172-5150	Equivalent kits can be used if validated
MX3000P or MX3005P real-time PCR system	Stratagene	N/A	Equivalent machines can be used if validated
MicroAmp reaction plate base	Any suitable		Used to hold tube strip and plates securely.
Optically clear flat clear strips (8)	ABgene	AB-0866	
Perfect fit frame (if using tube strips)	Stratagene	N/A	Specific to machine
Primers: for primer details see Table 2.			Ordered at 0.05 μ mole scale HPLC purified.
Thermo-Fast 96-well plates, non-skirted	ABgene	AB-600	
Thermo-Fast strips (8) Thermo-tubes	ABgene	AB-0452	
Vortex machine / Whirlimixer	Fisons Scientific equipment	SGP-202-010J	
Unless stated, alternative equipment can be used			