Appendix (1)

Table (1): Genomic DNA elimination reaction components

Component	Volume/reaction
gDNA Wipeout Buffer	2 µl
Template RNA	5 µl
RNase-free water	7 µl
Total volume	**14 µl**

The PCR tubes were loaded in the thermal cycler, incubated for 2 min at 42°C, and then placed immediately on ice. The reverse-transcription master mix were prepared and stored on ice according to table (2)

Table (2): Reverse-transcription master mix components

Component	Volume/reaction
Quantiscript Reverse Transcriptase	1 µl
Quantiscript RT Buffer	4 µl
RT Primer Mix	1 µl
Total volume	**6 µl**

The reverse-transcription master mix was added to each PCR tube containing the gDNA elimination reaction for a final volume of 20 µL RT reactions. The tubes were loaded in the thermal cycler, incubated for 15 min at 42°C, and then Incubated for 3 min at 95°C to inactivate Quantiscript Reverse Transcriptase. Then, the tubes were transferred to a -20°C freezer and stored prior to real-time PCR.