



### **1. How is RNA extracted?**

Total RNA was extracted from the cell pellet or whole blood using a Qiagen RNeasy kit or the QIASymphony according to the manufacturer's recommendations.

### **2. How is RNA quality control performed?**

A260/280 and A260/230 ratios were determined by using the UV – spectrometer and used to establish the concentration of total RNA.

RNA quality was further assessed by analysis on the Agilent 2200 TapeStation using the RNA ScreenTape®. The RNA Integrity Number (RIN) is measured in a range from 1 to 10. A RIN of 10 is the greatest and indicative of very high quality RNA.

### **3. What is RNA dissolved in?**

RNA is suspended in Nuclease-free water.

### **4. How is RNA shipped?**

RNA is shipped on dry ice and should remain frozen until ready to use.

### **5. How should RNA be stored?**

RNA should be stored at -80°C upon arrival.