v.20210318

F A Q : PCR*opsis*™ RVD Enhancer

1. **What's the optimal ratio of RVD Enhancer to Reagent RVD or Reagent SRVD?**
    a. The optimal ratio is 2:5, RVD Enhancer to Reagent RVD or Reagent SRVD. This is true if you mix one part sample (e.g., transport medium or saliva) with one part RVD Enhancer + Reagent RVD or RVD Enhancer + Reagent SRVD, heat the mixture and then use no more than 45% of the heated sample in your qPCR / RT-qPCR mixture. High concentrations (>7%) of RVD Enhancer in your qPCR / RT-qPCR mixture may be inhibitory for some enzymes.

2. **I'll like to use Reagent RVD in a manner that's different than intended. How should I proceed?**
    a. The suitability of RVD Enhancer for unintended applications has not been validated. A proper validation study is necessary before RVD Enhancer can be used for unintended in vitro diagnostic applications. The research team at Entopsis is here to help you design proper validation studies.

3. **For how long is Reagent RVD stable if properly maintained?**
    a. If stored properly, 18 months from date of manufacture.

4. **The product looks clear, is this normal?**
    a. Yes. This is normal. RVD Enhancer is homogenized during manufacturing.

5. **The product has precipitates or solidifications, is this normal?**
    a. Yes. This is normal if the product was stored in a cool environment. Place the product in a 37˚C water bath until you observe a clear, homogeneous appearance. This does not affect the functionality of the product.

6. **How is the functionality and sterility of Reagent RVD determined?**
    a. Every lot of RVD Enhancer is tested for functionality using a stock virus or bacterial sample. Sterility is confirmed by placing RVD Enhancer onto blood agar plates and observe growth after 72 hours at 37˚C. The lot passes our quality control criteria if these tests are satisfactory.