

## Directions for use of RetroMAD1

### **1. Dosage of RetroMAD1**

The infected pet is to be fed twice a day as shown in the formula below:

$$\text{Volume to be fed each time (mL)} = 0.05 \times \text{Weight of the pet (kg)}$$

### **2. Refrigeration and storage**

The experimental drug RetroMAD1 is an antiviral protein suspended in aqueous solution. It is stable at room temperature (28°C) for up to a year, but should be refrigerated at 4°C for to delay the onset of bacterial contamination/growth (thus extending its shelf life). This is particularly important once the bottle has started use. Before use, the refrigerated drug **MUST** be allowed to thaw until no precipitation can be seen. Otherwise, the active ingredient will be in solid form and unevenly distributed in the solution, leading to inaccurate dosing.

### **3. Feeding**

RetroMAD1 is most effectively absorbed on an empty stomach. To maximize the efficacy of oral dosing, it should be given at least 1 hour before a meal. If given with food, there are no harmful side effects but the animal may not benefit from the full effects of the drug.

### **4. Hygiene**

In the event of bacterial contamination/growth, bacterial digestion of the drug will result in sulphurous “rotten egg” smell. If this occurs, stop use immediately. To delay/reduce the likelihood of this happening, use a sterile or thoroughly cleaned syringe and needle each time RetroMAD1 is used. Avoid direct contact with the syringe tip, liquid or the opening of the container.