

**1490 AteloGene Local Use, Quick Gelation**

- Q1:** Is it possible to use higher concentrations of siRNA/miRNA than the recommended amount?
- A1:** Several articles have shown dose-dependent effects but there are no reports of problems encountered by using concentrations of siRNA/miRNA higher than the recommended concentration.
- Q2:** Can I store a mixture of AteloGene® and siRNA/miRNA?
- A2:** We recommend preparing the mixture at the time of use. It is possible to prepare the mix on a small scale if you need a small quantity. Please ask us for details.
- Q3:** Is it effective to administer a smaller volume of a mixture of AteloGene® and siRNA/miRNA than the recommended dose?
- A3:** There are many examples in which a smaller volume was administered when the injection volume of the target tissue is limited, such as brain, muscle, joints, etc. In such cases, the concentration of siRNA/miRNA administered at each site should be more than the recommended concentration.
- Q4:** Can I use AteloGene® in animals other than mice, for example, rats and rabbits?
- A4:** Although the recommended dose of AteloGene® is specifically for mice, it has been used for rats and rabbits by adjusting the dose appropriately for the tissue size of the animal.
- Q5:** Is AteloGene® also effective for vector-type nucleic acids, such as plasmid DNA?
- A5:** There are several articles describing the use of AteloGene® for the local administration of vector-type nucleic acids.
- Q6:** How long do the effects of siRNA/miRNA last?
- A6:** Approximately a week following local administration.
- Q7:** How long does AteloGene® remain at the site of injection?
- A7:** It will degrade after approximately a week, depending on the injection site, after local administration.
- Q8:** Can I inject a mixture of AteloGene® and siRNA/miRNA into a xenograft tumour?
- A8:** We recommend covering the tumour with AteloGene® to avoid damage from injection. However, there are many articles describing the use of intra-tumoural injections.

**Q9: Is AteloGene® applicable for use in in vitro experiments?**

**A9:** AteloGene® is designed for in vivo experiments only. Please use AteloGene® for your in vivo experiments following in vitro evaluation of siRNA/miRNA.