

Cyanoacrylate Adhesive Gel



for Brain Infusion Applications

Order Today!

Loctite 454 Adhesive (3 gram tube)
Item No. 0008670

Product Description & Applications

No mix, instant adhesive gel for use with ALZET[®] Brain Infusion Kits and other brain infusion cannulae

A convenient alternative to cranioplastic / dental cement

A very thin layer on the base of the pedestal adheres the cannula to the skull

Ideal for use in mice and other small animals when using short pedestal cannulae

One 3 gram tube is enough for 10 brain infusion cannulae implantations

References

1. Criado, A. *et al.* Use of cyanoacrylate gel as a substitute for dental cement in intracerebroventricular cannulations in rats. *Contemporary Topics* 2003; 42(3):13-16.



Advantages of Cyanoacrylate Gel Over Dental Cement

Significant time savings for the researcher

- Studies indicate a substantial reduction in surgical time compared to the dental cement technique¹
- Comes ready to use; no need to mix during surgery

Significant animal welfare benefit¹

- Less stress to the experimental animal
- Reduced time under anesthesia
- Less adhesive material needed, thereby less overall implant size and weight on the animals
- Easier to close the skin over the cannula.
- Less trauma to animals since fewer (or no) screws required to stabilize the cannula
- Minimal heat generated during curing

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