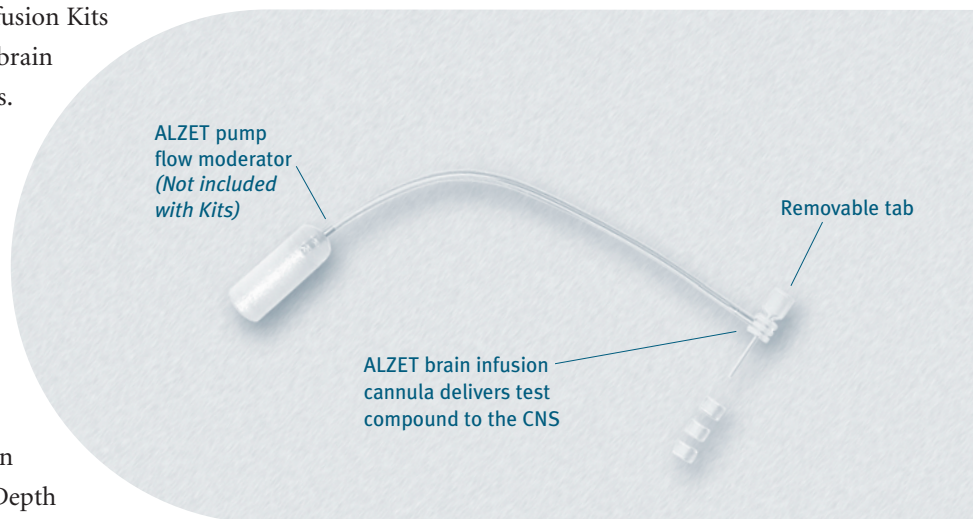
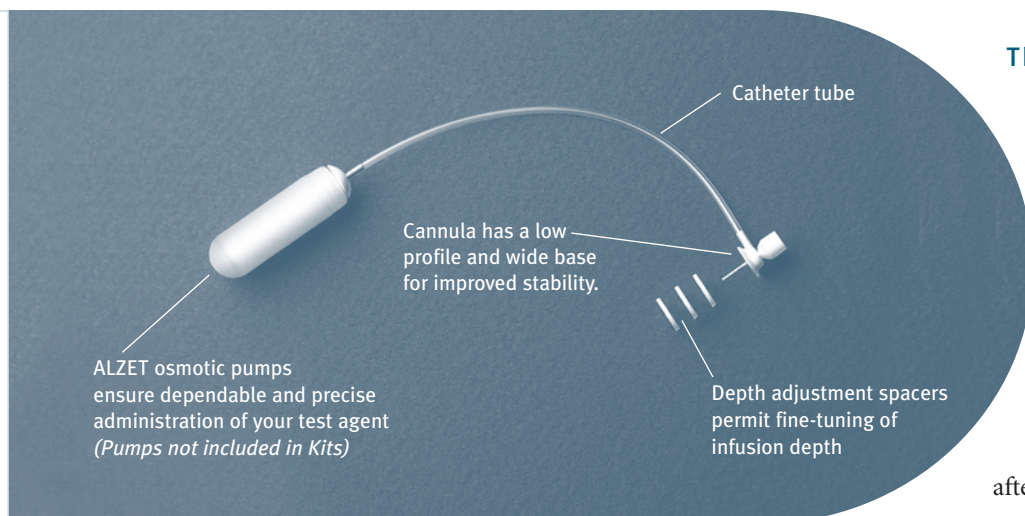


ALZET® Brain Infusion Kits provide depth-adjustable access to the CNS.

The unique design of ALZET Brain Infusion Kits allows the researcher to customize the brain infusion cannulae for optimum results. Without modification, the cannulae will penetrate 5 mm from the surface of the skull. When cemented in the stereotactically correct location, this will put the tip of the cannula in the region of the cerebral ventricles of a 250-300 g rat. Depth adjustment spacers included in the Kits allow the depth of the cannula tip within the brain to be adjusted in 0.5 mm increments. Depth adjustable access allows researchers to optimize the infusion depth for a particular brain structure, target different brain regions, or adjust for differences in animal size.



pictured: BRAIN KIT I



pictured: BRAIN KIT II

The ALZET Brain Infusion Kit II offers a brain cannula specifically developed for its stability when affixed to the cranium.

The increased stability afforded by the design of this cannula may eliminate the need to use a stabilizing screw.

In addition, the cannula's low profile allows for easy closure of the skin after placement.

ALZET® BRAIN INFUSION KIT FEATURES

- The Kits are designed for brain infusions in rats at sites which are 3-5 mm from the surface of the skull.
- Included in the Kits, depth adjustment spacers allow the depth of the cannula within the brain to be adjusted in 0.5 mm increments.
- For infusion sites that are less than 3 mm from the skull surface, investigators may wish to cut away a portion of the cannula.
- Both intraventricular infusions and microperfusion of solid tissue structures within the brain can be performed with the Kits.
- The fine 28 gauge stainless steel cannulae minimize trauma to the brain during placement.
- The Kits can be used with any model of ALZET pump (sold separately).

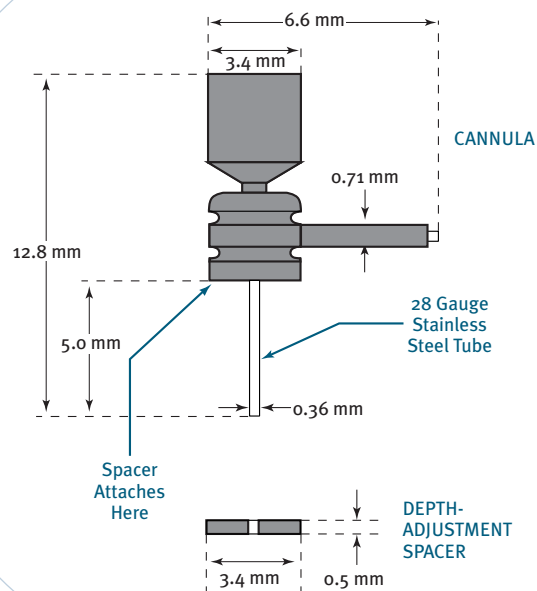


diagram: BRAIN KIT I

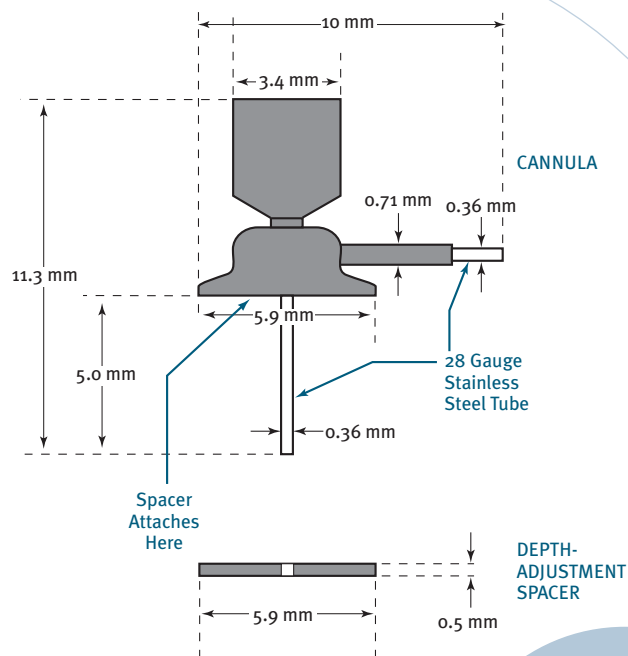


diagram: BRAIN KIT II

- All materials in the Kits meet U.S. Pharmacopeia (USP) Class IV standards for the biocompatibility of medical plastics.
- All Kit contents have been exposed to a sterilizing dose of radiation from a ⁶⁰Co source.
- Each Kit provides materials for 10 brain infusions.
- A videotape showing surgical procedures for implantation of ALZET osmotic pumps and a brain infusion cannula is available for loan or duplication. Contact DURECT at (800) 692-2990, or the distributor nearest you, to obtain a free copy.

For more information on ALZET Brain Infusion Kits or pumps, or to locate the distributor nearest you, please contact:

ALZET Technical Information Services
United States & Canada: (800) 692-2990
Outside the U.S.: (408) 367-4036

email: alzet@durect.com web: www.alzet.com

To order ALZET Brain Infusion Kits or ALZET pumps, please contact:

DURECT Corporation
P.O. Box 530
Cupertino, CA 95015-0530

United States & Canada: (877) 922-5938
Fax: (408) 865-1406