

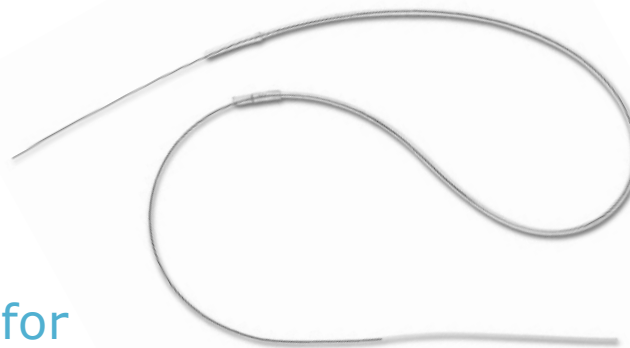
ALZET Catheters

Excellent design and quality for increased convenience and research success!



Catheter Applications

- Direct delivery of test agents to any target tissue or organ
- Reduced systemic toxicity
- Delayed administration of agents for surgical recovery
- Infuse for a short period with a longer duration pump



ALZET Catheters enable targeted delivery of agents into a vessel, the spinal cord, or other target sites. Specifically designed for use with ALZET® pumps, these catheters are constructed with high quality materials for increased patency and reduced vessel and tissue trauma. They are customized for a specific target site and animal species. Each catheter incorporates design features to facilitate placement and stabilization, such as retention beads, a stylet, or suture patches to facilitate placement and stabilization. ALZET catheters are packaged individually and provided sterile.

Available Catheters

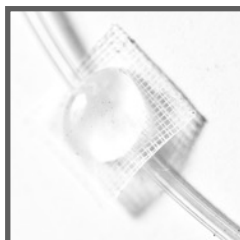
Mouse Jugular	Rat Jugular
Mouse Intrathecal	Rat Femoral
Mouse Intraperitoneal	Rat Intrathecal
	Rat Intraperitoneal

See reverse for specifications and more

CATHETER FEATURES



Retention beads for optimal placement and suturing, enhanced patency, tissue damage prevention and improved post-operative recovery



Dacron suture patch for optimal anchoring



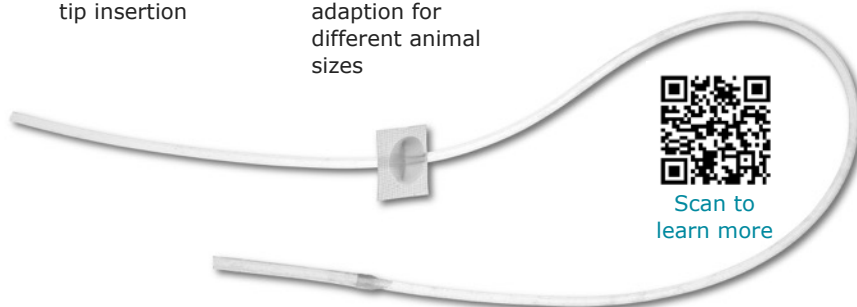
Teflon-coated stainless steel stylet to facilitate catheter tip insertion



Catheter markings for optimal placement and adaption for different animal sizes



Secure, leak-free catheter connections



CATHETER SPECIFICATIONS

Catheter*	Material	Features and Specifications	Order #
Rat Catheters			
Rat Jugular	Silicone	15.24 cm (6") total length; distal end (0.94 mm OD / 0.51 mm ID); ALZET connection (1.19 mm OD / 0.61 mm ID). Features: Dacron suture patch, flexible catheter material.	0007710
Rat Femoral	Polyurethane	20.32 cm (8") total length; (1.02 mm OD / 0.61 mm ID); ALZET connection (1.19 mm OD / 0.61 mm ID). Features: retention beads at 3.81, 5.08, and 7.62 cm from distal tip.	0007720
Rat Intrathecal	Polyurethane	23.7 cm (9.3") total length; 10 cm of 28G tubing (0.36 mm OD / 0.18 mm ID) connected to 12.7 cm (0.84 mm OD / 0.36 mm ID) and ALZET connection (1.02 mm OD / 0.61 mm ID). Features: teflon-coated, stainless steel stylet. Designed for occipital insertion.	0007740
Rat Intrathecal (short)	Polyurethane	15 cm (5.9") total length; 10 cm of 28G tubing (0.36 mm OD / 0.18 mm ID) connected to 4 cm (0.84 mm OD / 0.36 mm ID) and ALZET connection (1.02 mm OD / 0.61 mm ID). Features: teflon-coated, stainless steel stylet. Shorter length for lumbar insertion.	0007741
Rat Intraperitoneal	Silicone Polyurethane	8 cm (3.15") total length; 5 cm of Silicone tubing (0.94 mm OD / 0.51 mm ID) connected to 3 cm PU tubing (OD 1.02 mm OD / 0.61 mm ID). Features: Fenestrations over Silicone tip; movable suture bead; ALZET connection can be trimmed to achieve smaller lengths.	0007770
Mouse Catheters			
Mouse Intrathecal	Polyurethane	6 cm (2.36") total length; 2.5 cm of 32G fine tubing (0.23 mm OD / 0.09 mm ID) connected to 2.5 cm ALZET connection (1.02 mm OD / 0.61 mm ID). Features: teflon-coated, stainless steel stylet.	0007743
Mouse Jugular	Polyurethane	8.8 cm (3.46") total length; 13 mm of 28G tubing (0.36 mm OD / 0.18 mm ID) connected to 6.35 cm (0.84 mm OD / 0.36 mm ID) and ALZET connection (1.02 mm OD / 0.61 mm ID). Features: 2 retention beads at 13 and 38 mm for anchoring; insertion marks at 9 and 11 mm for use in small mice. Catheter tip optimum for use with other small vessels (e.g., femoral, carotid).	0007700
Mouse Jugular (adjustable length)	Polyurethane	8.8 cm (3.46") total length; 13 mm of 28G tubing (0.36 mm OD / 0.18 mm ID) connected to 2.54 cm (0.84 mm OD / 0.36 mm ID) and ALZET connection (1.02 mm OD / 0.61 mm ID). Features: 2 retention beads at 13 and 35 mm for anchoring; insertion marks at 9 and 11 mm for use in small mice. ALZET connection can be trimmed to achieve smaller lengths. Catheter tip optimum for use with other small vessels (e.g., femoral, carotid).	0007701
Mouse Jugular (large tip)	Polyurethane	9.5 cm (3.74") total length; 4.45 cm (0.84 mm OD / 0.36 mm ID) connected to a 5 cm ALZET connection (1.02 mm OD / 0.61 mm ID). Features: Larger tip for optimum jugular cannulation; retention beads at 13 and 35 mm.	0007702
Mouse Intraperitoneal	Silicone Polyurethane	6 cm (2.36") total length; 3 cm of Silicone tubing (0.94 mm OD / 0.51 mm ID) connected to 3 cm PU tubing (OD 1.02 mm OD / 0.61 mm ID). Features: Fenestrations over Silicone tip; movable suture bead; ALZET connection can be trimmed to achieve smaller lengths.	0007771
General Tubing			
Polyethylene Tubing	Polyethylene	Includes 10 sterile tubes per bag, 15 cm each (OD 1.22 mm; ID 0.76 mm). 3.739 µl/cm inner volume. Features: thermoformable.	0007750
Vinyl Tubing	Vinyl	Includes 10 sterile tubes per bag, 15 cm each (OD 1.14 mm; ID 0.69 mm). 4.566 µl/cm inner volume. Features: flexible for use with brain infusion applications.	0007760

*All ALZET catheters are supplied sterile. All catheters fit all ALZET pump models.



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