

Vascular Infusion and Sampling System for Small Animals



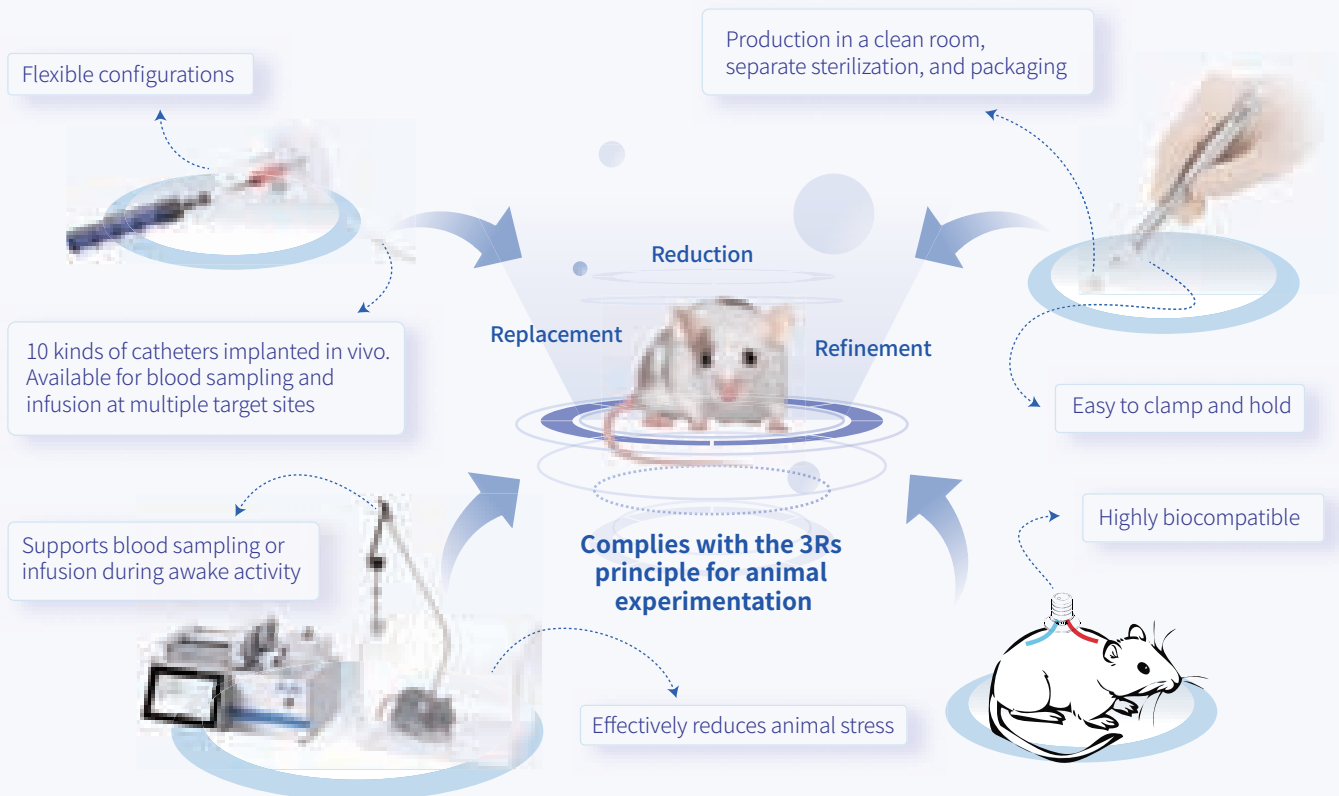
The RWD vascular infusion and sampling system for small animals is mainly used for multi-frequency, long-term infusion or blood sampling on specific parts of laboratory animals. It can effectively reduce animal stress response, meet animal welfare requirements, minimize the risk of infection due to repeated needle injections to experimental animals, thus making precise fixed-dose infusion or blood sampling possible.

It is comprised of nine system components, i.e. catheter, implant button, tether, implant button cap, accessories for attachment, swivel, multi-axis counter-balanced lever arm, handling, and bile loop. This product kit can be combined flexibly. It is ideal for a wide range of application scenarios, and friendly to laboratory animals and operators.

Product Configuration



Features



Applications

Neuroscience:
Addiction, mood studies

Metabolic disease research:
glucose clamp experiment

Toxicology studies



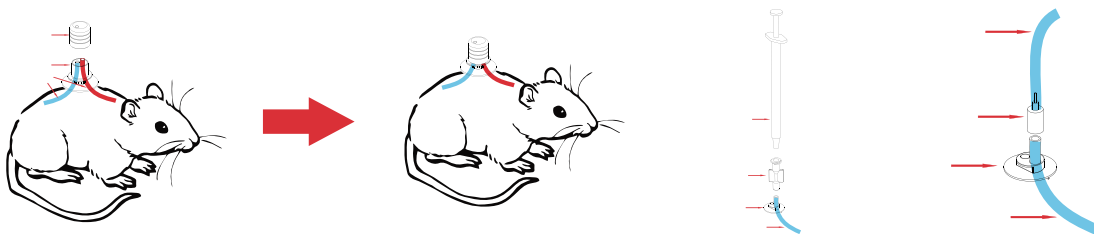
Pharmacology:
Pharmacokinetic studies

Drug Development:
Preclinical studies

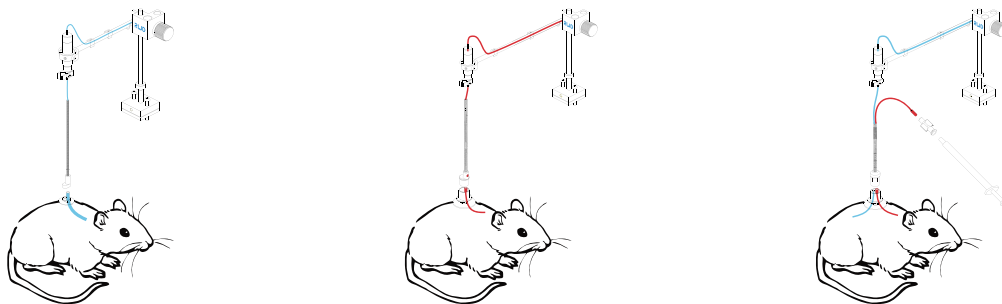
Histochemical and
pharmaceutical
analysis fields

Scenarios

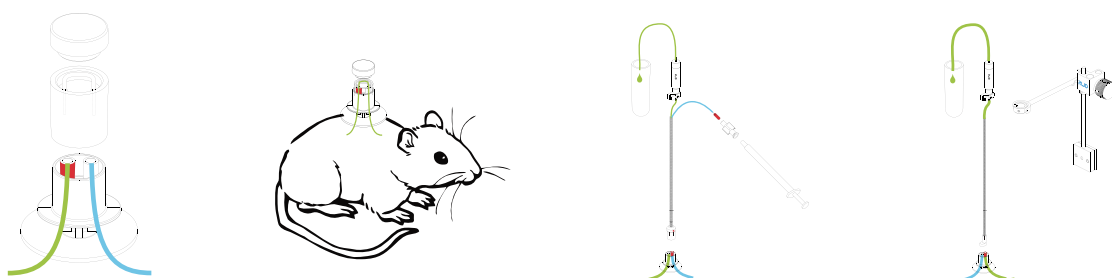
Infusion and sampling with the implantable vascular access button



Infusion and sampling with the lever arm



Bile sampling



Category	Product Name	Model	specification	Description
CATHETER	Carotid Artery Catheters for Rats	PURCA	5pcs/pkg	Carotid Artery Catheters for Rats, PU, 105mm, IDxOD=0.31x0.64mm, fits 22ga, sleeve, 5pcs/pkg
	Jugular Vein Catheters for Rats	PURJV	5pcs/pkg	Jugular Vein Catheters for Rats, PU, 110mm, IDxOD=0.61x1.02mm, fits 22ga, sleeve, 5pcs/pkg
	Bile Duct Catheters for Rats	PURBD	5pcs/pkg	Bile Duct Catheters for Rats, PU, 281mm, IDxOD=0.31x0.64mm, fits 22ga, sleeve, 5pcs/pkg
	Portal Vein Catheters for Rats	PURPV	5pcs/pkg	Portal Vein Catheters for Rats, PU, 140mm, T-type, IDxOD=1.47x1.96mm, fits 22ga, sleeve, 5pcs/pkg
	Femoral Artery Catheters for Rats	PURFA	5pcs/pkg	Femoral Artery Catheters for Rats, PU, 305mm, IDxOD=0.31x0.64mm, fits 22ga, sleeve, 5pcs/pkg
	Femoral Vein Catheters for Rats	PURFV	5pcs/pkg	Femoral Vein Catheters for Rats, PU, 300mm, IDxOD=0.61x1.02mm, fits 22ga, sleeve, 5pcs/pkg
	Jugular Vein Catheters for Guinea+B26+B2+B28:B31	PUCJV	5pcs/pkg	Jugular Vein Catheters for Guinea pigs, PU, 127mm, IDxOD=0.61x1.02mm, fits 22ga, sleeve, 5pcs/pkg
	Carotid Artery Catheters for Guinea pigs	PUCCA	5pcs/pkg	Carotid Artery Catheters for Guinea pigs, PU, 127mm, IDxOD=0.31x0.64mm, fits 22ga, sleeve, 5pcs/pkg
	Carotid Artery Catheters for Mice	PUMCA	5pcs/pkg	Carotid Artery Catheters for Mice, PU, 51mm, IDxOD=0.18x0.36mm, fits 25ga, sleeve, 5pcs/pkg
	Jugular Vein Catheters for Mice	PUMJV	5pcs/pkg	Jugular Vein Catheters for Mice, PU, 54mm, IDxOD=0.42x0.69mm, fits 25ga, sleeve, 5pcs/pkg
	Bulk Catheter 22	BC-22	10m/pkg	Bulk Catheter 22, PU, IDxOD=0.61x1.02mm, 1m/pcs, 10pcs/pkg, fits 22ga
	Bulk Catheter 25	BC-25	10m/pkg	Bulk Catheter 25, PU, IDxOD=0.42x0.69mm, 1m/pcs, 10pcs/pkg, fits 25ga
HANDLING TOOL	Handling	BH	1pcs/pkg	Handling, available to mice
IMPLANT BUTTON	Implant Button (Single channel 25G for mice)	BMS25	5pcs/pkg	Implant Button, single channel 25G for mice, 5pcs/pkg
	Implant Button (Dual channel 25G/25G for mice)	BMD25/25	5pcs/pkg	Implant Button, dual channel 25G/25G for mice, 5pcs/pkg
	Implant Button (Single channel 22G for rats, white)	BRSW22	5pcs/pkg	Implant Button, single channel 22G for rats, white, 5pcs/pkg
	Implant Button (Single channel 22G for rats, red)	BRSR22	5pcs/pkg	Implant Button, single channel 22G for rats, red, 5pcs/pkg
	Implant Button (Dual channel 22G/22G for rats)	BRD22/22	5pcs/pkg	Implant Button, dual channel 22G/22G for rats, 5pcs/pkg
IMPLANT BUTTON CAP	Implant Button Cap (Single channel for mice, silver)	CMSC-S	5pcs/pkg	Implant Button Cap, single channel for mice, silver, 5pcs/pkg
	Implant Button Cap (Single channel for mice, gold)	CMSC-G	5pcs/pkg	Implant Button Cap, single channel for mice, gold, 5pcs/pkg
	Implant Button Cap (Dual channel for mice, silver)	CMDC-S	5pcs/pkg	Implant Button Cap, dual channel for mice, silver, 5pcs/pkg
	Implant Button Cap (Dual channel for mice, gold)	CMDC-G	5pcs/pkg	Implant Button Cap, dual channel for mice, gold, 5pcs/pkg
	Implant Button Cap (Rats, silver)	CRSC-S	5pcs/pkg	Implant Button Cap, rats, silver, 5pcs/pkg
	Implant Button Cap (Rats, gold)	CRSC-G	5pcs/pkg	Implant Button Cap, rats, gold, 5pcs/pkg

Category	Product Name	Model	specification	Description
CATHETER CONNECTOR	Catheter Connector(22G)	C22	6pcs/pkg	Catheter Connector, 22G, available to rats, 6pcs/pkg
	Catheter Connector(25G)	C25	6pcs/pkg	Catheter Connector, 25G, available to rats, 6pcs/pkg
TETHER	Tether(Single channel for mice)	TM-1	5pcs/pkg	Tether, single channel for mice, 5pcs/pkg
	Tether(Dual channel for mice)	TM-2	5pcs/pkg	Tether, dual channel for mice, 5pcs/pkg
	Tether(Single channel for rats, special for drug infusion)	TR-2	5pcs/pkg	Tether, single channel for rats, special for drug infusion, 5pcs/pkg
	Tether(Single channel for rats, special for blood collection)	TR-1dr	5pcs/pkg	Tether, single channel for rats, special for blood collection, 5pcs/pkg
	Tether(Dual channel for rats)	TR-1bl	5pcs/pkg	Tether, dual channel for rats, 5pcs/pkg
PHARMPORT	PharmPort(22G Red)	P22-R	5pcs/pkg	PharmPort, 22G, red, available to rats, 5pcs/pkg
	PharmPort(22G White)	P22-W	5pcs/pkg	PharmPort, 22G, white, available to rats, 5pcs/pkg
	PharmPort(25G Red)	P25-R	5pcs/pkg	PharmPort, 25G, red, available to mice, 5pcs/pkg
	PharmPort(25G White)	P25-W	5pcs/pkg	PharmPort, 25G, white, available to mice, 5pcs/pkg
SWIVEIS	Swivels Mount for Mice	SS1-22	1pcs/pkg	Multi-axis Counter-balanced Lever Arm for Mice
	Swivels Mount for Rats	SS1-25	1pcs/pkg	Multi-axis Counter-balanced Lever Arm for Rats
SWIVELS MOUNT	Single Channel Swivels 22G	SS1-22	1pcs/pkg	Single Channel Swivels 22G, available to rats
	Single Channel Swivels 25G	SS1-25	1pcs/pkg	Single Channel Swivels 25G, available to mice
BILE LOOP	Bile Loop	DZXHQ	5pcs/pkg	Bile Loop, 5pcs/pkg
SYRINGE CONNECTOR	Syringe Connector	SC-1	6pcs/pkg	For connection to the syringe
KITS	Rat Jugular Vein Implant Kit	RJV-P1	/	Rat Jugular Vein Implant Kit, 10 sets, single channel
	Rat Carotid Artery Implant Kit	RCA-B1	/	Rat Carotid Artery Implant Kit, 10 sets, single channel
	Mouse Jugular Vein Implant Kit	MCA-B1	/	Mouse Jugular Vein Implant Kit, 10 sets, single channel
	Mouse Carotid Artery Implant Kit	MJV-P1	/	Mouse Carotid Artery Implant Kit, 10 sets, single channel



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