

- Reliable and accurate blood monitoring for 3 days
- Easy insertion using a standard peripheral venous catheter
- Introducer included

67 Intravenous Microdialysis Catheter

Intended Purpose

The Intravenous & CSF Microdialysis Catheter is intended to enable microdialysis in the peripheral venous system or of the Cerebrospinal Fluid (CSF) via an External Ventricular Drain (EVD) for up to three days

The sterile, single use 67 Intravenous Microdialysis Catheter is a device that allows energy related metabolites, drugs and other small substances to diffuse into the catheter reflecting accurate concentrations in the blood or CSF. The catheter is perfused with a physiologic solution and the samples are collected in microvials for analysis as often as every other minute.

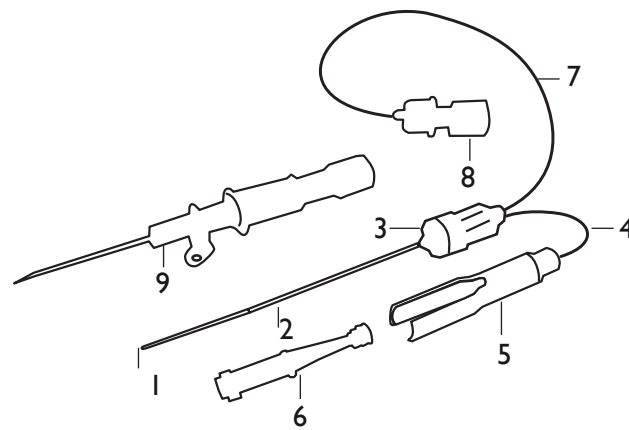
In blood monitoring the 67 IV Microdialysis Catheter is applied simply using a standard peripheral venous catheter and can be used intravenously for up to 72 hours of monitoring. The clean samples and possibility for frequent sampling without discomfort for the patient makes it ideal for clinical research. The catheter is available in 4 different versions of membrane and shaft lengths. In blood monitoring, recovery performance is optimized by using the type with 30 mm membrane at 0.3 $\mu\text{l}/\text{min}$ flow rate.

When monitoring in CSF drain the 67 IV Microdialysis catheter is inserted into a Stop cock connector that is attached to the out-flow from a CSF drain pump e.g. LiquoGuard®

Monitoring Free Fractions of drugs

The 67 IV Microdialysis Catheter is for microdialysis monitoring of hospitalized patients during surgery, intensive care or in the general wards. The catheter is also excellent for continuous monitoring of the free concentration of drugs in blood or in CSF during pharmacokinetic and pharmacodynamics studies.

Parts of the 67 IV Microdialysis Catheter



1. Dialysis membrane
2. Shaft
3. Liquid cross with Luer-Lock connector
4. Outlet tube
5. Vial holder
6. Microvial
7. Inlet tube
8. Luer-Lock connection
9. Peripheral Venous Catheter (PVC)

	MATERIAL	LENGTH mm	LENGTH mm	LENGTH mm	LENGTH mm	Ø mm
		8050090	8050091	8050092	8050093	
shaft	polyurethane	46	46	46	130	OD 0.9
membrane	polyarylethersulphone	10	20	30	10	OD 0.6
inlet tube	polyurethane	200	200	200	200	OD 1.0
outlet	polyurethane	45	45	45	45	OD 1.0
PVC	polypropylene, ABS, chrome-nickel steel, polyurethane	32	32	32	50	OD 1.3/1.7
	membrane cut off 20 000 Dalton					

Ordering information

	Ref. No.
67 IV Microdialysis Catheter 46/10, 4/pkg	8050090
67 IV Microdialysis Catheter 46/20, 4/pkg	8050091
67 IV Microdialysis Catheter 46/30, 4/pkg	8050092
67 IV Microdialysis Catheter 130/10, 4/pkg	8050093

Accessories/Consumables

	Ref. No.		Ref. No.
Microvials ,250/pkg	P000001	106 Microdialysis Pump, 1pc	P000003
Microvial Rack, 12/pkg	P000028	107 Microdialysis Pump, 1pc	P000127
Microvials in rack, Sterile, 12x4	P000154	106 Pump Syringe, 20/pkg	8010191
Battery 6V, 1 pc	8001788		

STERILE R

Sterilized by β -radiation



Storage temperature: 4-25 °C



Single use only



Last date of use



Fulfils EU Medical Device Regulation (MDR) 2017/745



Medical device

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