

The OPTI-TRAP is a bi-directional trap cartridge system which is used individually or in a series for sample concentration and purification. The OPTI-TRAP system features a durable biocompatible trap holder assembly made of either PEEK (capillary configuration) or stainless steel with a PEEK flow path (micro and macro configurations). OPTI-TRAPs feature low back pressure and are loaded and eluted manually with a syringe or on-line when plumbed into the sample injection valve. OPTI-TRAPs include titanium frits for full biocompatibility.

OPTI-TRAP™ Advantages

- Rated hand-tight for use up to 1,500 psi (100 bar)
- Low back pressure, for syringe loading/eluting or on-line trapping
- Transparent cartridge allows for visual inspection of bed
- Bi-directional cartridge for flushing and bed regeneration
- Color coded band for identification of packing material
- PEEK and titanium flow path for biocompatibility

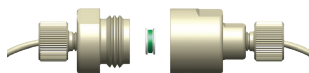


Manual Holder Kit

Capillary (0.5µL): **10-02-04749**

Micro (5µL): **10-02-04745**

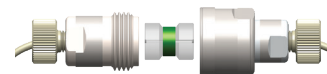
Macro (50µL): **10-02-04747**



In-Line Capillary Holder Kit (0.5µL)

Includes fittings and tubing

10-02-04808



In-Line Micro / Macro Holder Kit (5 & 50µL)

Includes fittings and tubing

10-02-04751

OPTI-TRAP™ CARTRIDGE SELECTION GUIDE

		Bed Volume	Dimensions	Load Rate (mL/min)	Dimension Code	Code	Phase	Band
SINGLES	Cap	0.5µL	0.5 x 2mm	0.005 - 0.020	0 4 8 1 3	T M	Protein	Black
	Micro	5µL	1 x 8mm	0.05 - 0.20	0 4 8 1 5	T N	Peptide	Green
	Macro	50µL	3 x 8mm	0.5 - 2	0 4 8 1 7	T O	NID	Blue
6 PACKS	Cap	0.5µL	0.5 x 2mm	0.005 - 0.020	0 4 8 1 4	T P	SCX	Orange
	Micro	5µL	1 x 8mm	0.05 - 0.20	0 4 8 1 6	T Q	Small Molecule	Purple
	Macro	50µL	3 x 8mm	0.5 - 2	0 4 8 1 8	E S	Custom	Gray

To calculate the approximate sample capacity of each trap cartridge, we recommend using the ratio 4µg/1µL of bed volume. For more information about how to use this table, please see page 29.

