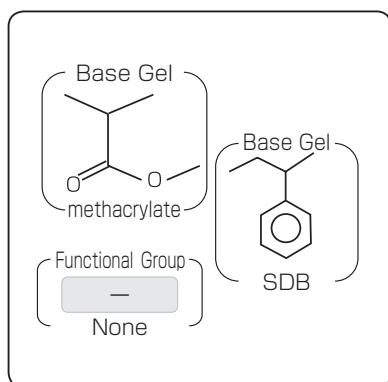


# Non Polar Polymer

## InertSep™ RP-1 (Methacrylate - SDB Copolymer)

InertSep RP-1 is a combination polymer manufactured from styrene-divinylbenzene (SDB) and methacrylate. It is a recommended material for the concentration of chemical compounds with a polarity range from high to low. It can also be used for sample cleanup.



### Application

- 1,4-Dioxane
- Anionic surface active agent.
- Non-ionic surface active agent
- Agrochemicals
- Bisphenol A
- 4-nonylphenol

### Standard Cartridge

Item Name	Column Size	Quantity	Cat. No.
InertSep RP-1	30 mg/1 mL	100 pieces	5010-27001
	60 mg/3 mL	100 pieces	5010-27002
	250 mg/6 mL	30 pieces	5010-27000
	500 mg/6 mL	30 pieces	5010-27004
	500 mg/12 mL	20 pieces	5010-27005

### Standard Cartridge (High Volume Cartridge)

Item Name	Column Size	Quantity	Cat. No.
InertSep RP-1	1 g/20 mL	20 pieces	5010-27006
	2 g/20 mL	20 pieces	5010-27007

### Large Cartridge LSC

Item Name	Column Size	Quantity	Cat. No.
InertSep LSC RP-1	30 mg	50 pieces	5010-27601
	60 mg	50 pieces	5010-27602
	200 mg	50 pieces	5010-27603
	500 mg	50 pieces	5010-27604

### Luer Device

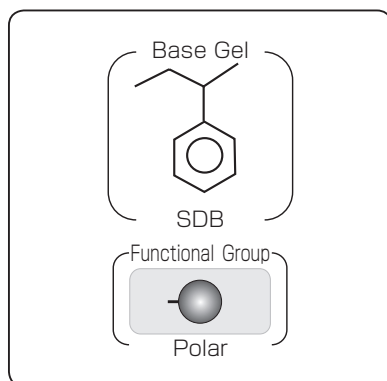
Item Name	Column Size	Quantity	Cat. No.
InertSep mini RP-1	230 mg	50 pieces	5010-27200
	230 mg	500 pieces	5010-27220
InertSep SlimJ RP-1	230 mg	50 pieces	5010-65730

### 96-Well Plate

Item Name	Column Size	Quantity	Cat. No.
InertSep 96WP RP-1	30 mg	1 piece	5010-66200
	60 mg	1 piece	5010-66201

## InertSep™ RP-2 (Styrene-Divinylbenzene Copolymer With Polar Group)

InertSep RP-2 is a combination polymer which adds a polar functional group, with hydrogen bond interaction to the hydrophobic interaction of the SDB polymer. It is suitable for simultaneous screening and concentration using polar interaction for polar compounds whose retention is weak with the RP-1 solid phase.



### Application

- Pharmaceuticals in blood and urine
- Polar compounds in aqueous samples

### Standard Cartridge

Item Name	Column Size	Quantity	Cat.No.
InertSep RP-2	30 mg/1 mL	100 pieces	5010-27021
	60 mg/3 mL	100 pieces	5010-27022
	200 mg/6 mL	30 pieces	5010-27023
	500 mg/6 mL	30 pieces	5010-27024
	500 mg/12 mL	20 pieces	5010-27025

### Standard Cartridge (High Volume Cartridge)

Item Name	Column Size	Quantity	Cat.No.
InertSep RP-2	1 g/20 mL	20 pieces	5010-27026
	2 g/20 mL	20 pieces	5010-27027

### Large Cartridge LSC

Item Name	Column Size	Quantity	Cat.No.
InertSep LSC RP-2	30 mg	50 pieces	5010-27611
	60 mg	50 pieces	5010-27612
	200 mg	50 pieces	5010-27613
	500 mg	50 pieces	5010-27614

### Luer Device

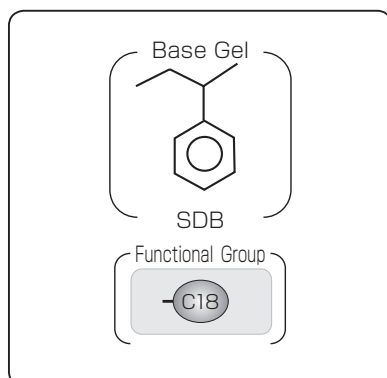
Item Name	Column Size	Quantity	Cat.No.
InertSep Slim RP-2	230 mg	50 pieces	5010-27700

### 96-Well Plate

Item Name	Column Size	Quantity	Cat.No.
InertSep 96WP RP-2	30 mg	1 piece	5010-66210
	60 mg	1 piece	5010-66211

## InertSep™ RP-C18 (Styrene-Divinylbenzene Copolymer With ODS)

The styrene-divinylbenzene copolymer is modified to include an alkyl chain. The strongly hydrophobic solid phase can be used to selectively remove polar compounds.



### Standard Cartridge

Item Name	Column Size	Quantity	Cat.No.
InertSep RP-C18	30 mg/1 mL	100 pieces	5010-27130
	60 mg/3 mL	100 pieces	5010-27131
	200 mg/6 mL	30 pieces	5010-27133
	500 mg/6 mL	30 pieces	5010-27134

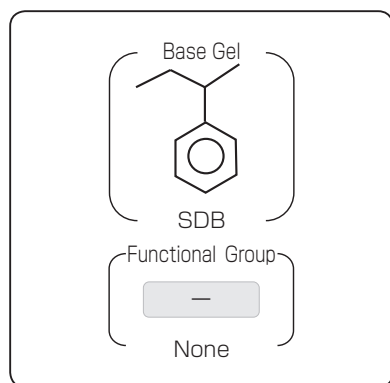
### Luer Device

Item Name	Column Size	Quantity	Cat.No.
InertSep SlimJ RP-C18	230 mg	50 pieces	5010-65760

# Non Polar Polymer

## InertSep™ PLS-2

InertSep PLS-2 is a reversed phase polymer solid polymer made of SDB (styrene divinylbenzene) and can be comprehensively used. Compared to reversed phase solid phases made of silica gel, not only retaining a wide range of target compounds, but also InertSep PLS-2 can be used for basic and metal coordination compounds due to the complete removal of silanol residue out of the polymer surface.



### Standard Cartridge

Item Name	Column Size	Quantity	Cat. No.
InertSep PLS-2	265 mg/6 mL	50 pieces	5010-27430
	270 mg/6 mL	50 pieces	5010-25020
	500 mg/6 mL	30 pieces	5010-25025
	1000 mg/6 mL	20 pieces	5010-25030

### Standard Cartridge (High Volume Cartridge)

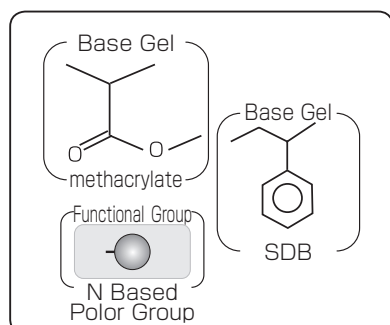
Item Name	Column Size	Quantity	Cat. No.
InertSep PLS-2	265 mg/20 mL	20 pieces	5010-27431
	270 mg/20 mL	20 pieces	5010-25035

### Luer Device

Item Name	Column Size	Quantity	Cat. No.
InertSep SlimJ PLS-2	230 mg	50 pieces	5010-65720
	265 mg	50 pieces	5010-65721

## InertSep™ PLS-3

InertSep PLS-3 is a polymer solid phase composed of nitrogenous divinylbenzene and methacrylate. With nitrogenous function group, InertSep PLS-3 retains highly polar compounds. Having the strongest retention capability among polymer base solid phase, InertSep PLS-3 retains compounds that are difficult to be retained by InertSep RP-1 and/or InertSep PLS-2. Note that this strong retention capability might prevent elution of target compounds from the cartridge.



### Standard Cartridge

Item Name	Column Size	Quantity	Cat. No.
InertSep PLS-3	200 mg/6 mL	30 pieces	5010-25050

### Standard Cartridge (glass)

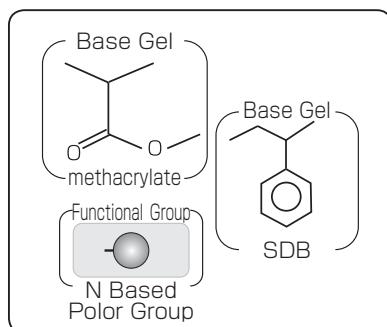
Item Name	Column Size	Quantity	Cat. No.
InertSep PLS-3	200 mg/6 mL	20 pieces	5010-26020

### Luer Device

Item Name	Column Size	Quantity	Cat. No.
InertSep SlimJ PLS-3	230 mg	50 pieces	5010-25200
	230 mg	500 pieces	5010-25205

## InertSep™ Pharma (N-content Styrene-Divinylbenzene/ Methacrylate Copolymer)

InertSep Pharma is a combination polymer, made with N content styrene-divinylbenzene/ methacrylate. It is a reversed phase polymer material with superior water affinity which has been developed for simultaneous screening of pharmaceutical compounds in biological samples.



### Application

- Pharmaceutical compounds in blood and urine
- Chloramphenicol
- Cephalosporin antibiotic
- Concentration of environmental pharmaceutical contamination

### Standard Cartridge

Item Name	Column Size	Quantity	Cat.No.
InertSep Pharma	30 mg/1 mL	100 pieces	5010-27100
	60 mg/3 mL	100 pieces	5010-27101
	200 mg/6 mL	30 pieces	5010-27103
	500 mg/6 mL	30 pieces	5010-27104
	500 mg/12 mL	20 pieces	5010-27105

### Large Cartridge LSC

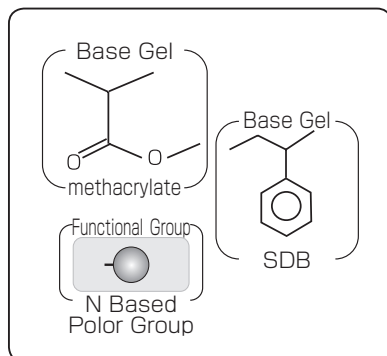
Item Name	Column Size	Quantity	Cat.No.
InertSep LSC Pharma	30 mg	50 pieces	5010-27621
	60 mg	50 pieces	5010-27622
	200 mg	50 pieces	5010-27623
	500 mg	50 pieces	5010-27624

### 96-Well Plate

Item Name	Column Size	Quantity	Cat.No.
InertSep 96WP Pharma	30 mg	1 piece	5010-66230
	60 mg	1 piece	5010-66231

## InertSep™ Pharma FF (N-content Styrene-Divinylbenzene/ Methacrylate Copolymer)

InertSep Pharma FF is a high flow specification of InertSep Pharma. It is well suited to the concentration of bulk samples and high viscosity biological samples.



### Application

- Organic compounds in environment water samples
- Simultaneous screening

### Standard Cartridge

Item Name	Column Size	Quantity	Cat.No.
InertSep Pharma FF	60 mg/3 mL	100 pieces	5010-27111
	200 mg/6 mL	30 pieces	5010-27113
	500 mg/6 mL	30 pieces	5010-27114

### Luer Device

Item Name	Column Size	Quantity	Cat.No.
InertSep SlimJ Pharma FF	230 mg	50 pieces	5010-65740