Thermo Scientific HyperSep™ Retain™-AX polymeric solid phase extraction products offer faster throughput and higher reproducibility and recovery for acidic analytes in sample preparation. Products are available in a range of formats to meet demanding market requirements.

Thermo Scientific HyperSep Retain-AX

Versatile polymeric SPE material for balanced retention of acidic & non-polar analytes

HyperSep Retain-AX polymeric SPE material is a high purity, highly porous polystyrene DVB material partially functionalised with quaternary amine groups to give balanced retention of acidic and non-polar analytes. HyperSep Retain-AX offers reproducible and reliable sample preparation through excellent batch-to-batch reproducibility. Many of the problems associated with traditional silica-based materials, such as inconsistent recoveries due to sorbent drying, are eliminated when using HyperSep Retain-AX. This can lead to fast sample preparation and method development.

Products are available in traditional SPE formats, such as SPE columns and 96-well plates. The HyperSep-96 well plate enables the customization of different chemistries within a single base plate, as wells are removable from the base plate.

The high capacity capabilities of HyperSep Retain-AX mean that you can typically use less sorbent than a traditional silica-based material for an application. As HyperSep Retain-AX does not dry out like a silica material, you can expect high and consistent levels of recovery.

HyperSep Retain-AX is ideal for the retention of THC and its metabolites.

A range of accessories is also available to complement the HyperSep Retain-AX range. This range includes the Universal Vacuum Manifold, which is compatible with both HyperSep SPE Columns and HyperSep-96 well plates.

Product Specifications

The Universal Vacuum Manifold is compatible with HyperSep SPE columns and HyperSep-96 well plates

HyperSep Retain-AX SPE Column

Bed Weight (mg)	Column Volume (mL)	Pack Size	Part Number
30	1	100	60107-401
30	3	50	60107-402
60	3	50	60107-403
200	3	50	60107-404
500	3	50	60107-405
500	6	30	60107-406

HyperSep-96 Retain-AX Well Plates and Individual Wells

Bed Weight (mg)	Column Volume (mL)	Quantity	Part Number
5	1	100 Wells	60303-401
10	1	100 Wells	60303-402
30	1	100 Wells	60303-403
60	1	100 Wells	60303-404
5	1	1 Plate	60303-405
10	1	1 Plate	60303-406
30	1	1 Plate	60303-407
60	1	1 Plate	60303-408

Glass Block Vacuum Manifold

Description	Quantity	Part Number
Universal vacuum manifold	1	60104-230
Universal vacuum manifold base/gauge	1	60104-231
16 Port vacuum manifold	1	60104-232
24 Port vacuum manifold	1	60104-233
HyperSep-96 vacuum manifold	1	60103-351
Plugs for universal manifold 24 port extraction plate	24	60104-234
Plugs for universal manifold 48 port extraction plate	48	60104-235
Vacuum gauge	1	60104-240
Stopcocks with luer adaptor for glass block manifolds	16	60104-242
Base plate, single	1	60300-302
Base plate, pack	5	60300-303
Sample collection plate, 1 mL	50	60300-402
Sample collection plate, 2 mL	50	60300-403
Luer adaptors for well outlet	25	60300-323
Well removing tool	1	60300-310
Base plate plugs, strips of 8	50	60300-313
Empty wells, 1 mL	100	60300-318
Empty fritted wells, 1 mL	100	60300-311
Insert for Porvair™ manifold	1	60300-320
Well sealing caps	50	60300-317

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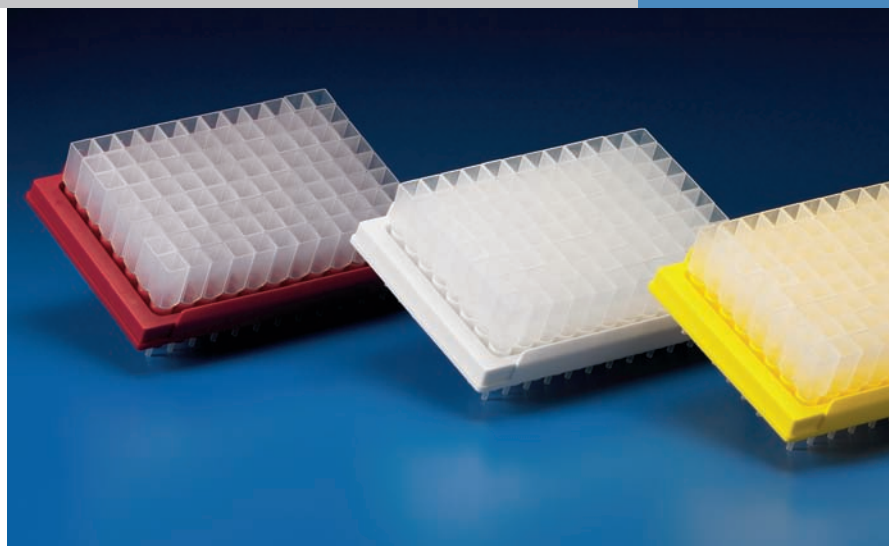
Thermo Scientific HyperSep™ Retain™-CX polymeric solid phase extraction products offer faster throughput and higher reproducibility and recovery for basic analytes in sample preparation. Products are available in a range of formats to meet demanding market requirements.

Thermo Scientific HyperSep Retain-CX

Versatile polymeric SPE material for balanced retention of basic & non-polar analytes



HyperSep Retain-CX polymeric SPE material is a high purity, highly porous polystyrene DVB material partially functionalised with sulfonic acid groups to give balanced retention of basic and non-polar analytes. HyperSep Retain-CX offers reproducible and reliable sample preparation through excellent batch-to-batch reproducibility. Many of the problems associated with traditional silica-based materials, such as inconsistent recoveries due to sorbent drying, are eliminated when using HyperSep Retain-CX. This can lead to fast sample preparation and method development.

Products are available in traditional SPE formats, such as SPE columns and 96-well plates. The HyperSep-96 well plate enables the customization of different chemistries within a single base plate, as wells are removable from the base plate.

The high capacity capabilities of HyperSep Retain-CX mean that you can typically use less sorbent than a traditional silica-based material for an application. As HyperSep Retain-CX does not dry out like a silica material, you can expect high and consistent levels of recovery.

HyperSep Retain-CX is ideal for the retention of a wide range of drugs of abuse, including basic and neutral drugs

A range of accessories is also available to complement the HyperSep Retain-CX range. This range includes the Universal Vacuum Manifold, which is compatible with both HyperSep SPE Columns and HyperSep-96 well plates.

Product Specifications

The Universal Vacuum Manifold is compatible with HyperSep SPE columns and HyperSep-96 well plates

HyperSep Retain-CX SPE Column

Bed Weight (mg)	Column Volume (mL)	Quantity	Part Number
30	1	100	60107-301
30	3	50	60107-302
60	3	50	60107-303
200	3	50	60107-304
500	3	50	60107-305
500	6	30	60107-306

Glass Block Vacuum Manifold

HyperSep-96 Retain-CX Well Plates and Individual Wells

Bed Weight (mg)	Column Volume (mL)	Quantity	Part Number
5	1	100 Wells	60303-301
10	1	100 Wells	60303-302
30	1	100 Wells	60303-303
60	1	100 Wells	60303-304
5	1	1 Plate	60303-305
10	1	1 Plate	60303-306
30	1	1 Plate	60303-307
60	1	1 Plate	60303-308

Description	Quantity	Part Number
Universal vacuum manifold	1	60104-230
Universal vacuum manifold base/gauge	1	60104-231
16 Port vacuum manifold	1	60104-232
24 Port vacuum manifold	1	60104-233
HyperSep-96 vacuum manifold	1	60103-351
Plugs for universal manifold 24 port extraction plate	24	60104-234
Plugs for universal manifold 48 port extraction plate	48	60104-235
Vacuum gauge	1	60104-240
Stopcocks with luer adaptor for glass block manifolds	16	60104-242
Base plate, single	1	60300-302
Base plate, pack	5	60300-303
Sample collection plate, 1 mL	50	60300-402
Sample collection plate, 2 mL	50	60300-403
Luer adaptors for well outlet	25	60300-323
Well removing tool	1	60300-310
Base plate plugs, strips of 8	50	60300-313
Empty wells, 1 mL	100	60300-318
Empty fritted wells, 1 mL	100	60300-311
Insert for Porvair™ manifold	1	60300-320
Well sealing caps	50	60300-317

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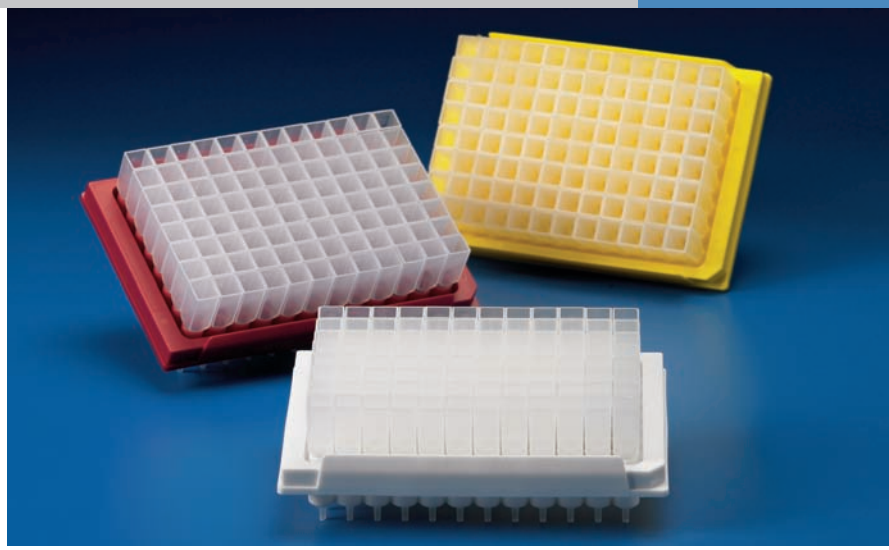
Thermo Scientific HyperSep™ Retain™ PEP polymeric solid phase extraction products offer faster throughput and higher reproducibility and recovery in sample preparation. Products are available in a range of formats to meet demanding market requirements.

Thermo Scientific HyperSep Retain PEP

Versatile polymeric SPE material for balanced retention of polar & non-polar analytes



HyperSep Retain PEP polymeric SPE material is a high purity, highly porous polystyrene DVB material modified with urea functional groups to give balanced retention of polar and non-polar analytes. HyperSep Retain PEP offers reproducible and reliable sample preparation through excellent batch-to-batch reproducibility. Many of the problems associated with traditional silica-based materials, such as inconsistent recoveries due to sorbent drying, are eliminated when using HyperSep Retain PEP. This can lead to fast sample preparation and method development.

Products are available in traditional SPE formats, such as SPE columns and 96-well plates. The HyperSep-96 well plate enables the customization of different chemistries within a single base plate, as wells are removable from the base plate.

The high capacity capabilities of HyperSep Retain PEP mean that you can typically use less sorbent than a traditional silica-based material for an application. As HyperSep Retain PEP does not dry out like a silica material, you can expect high and consistent levels of recovery.

HyperSep Retain PEP is ideal for a wide range of applications, such as drugs and metabolites in biological fluids

A range of accessories is also available to complement the HyperSep Retain PEP range. This range includes the Universal Vacuum Manifold, which is compatible with both HyperSep SPE Columns and HyperSep-96 well plates.

Product Specifications

The Universal Vacuum Manifold is compatible with HyperSep SPE columns and HyperSep-96 well plates

HyperSep Retain PEP SPE Column

Bed Weight (mg)	Column Volume (mL)	Quantity	Part Number
30	1	100	60107-201
30	3	50	60107-202
60	3	50	60107-203
200	3	50	60107-204
500	3	50	60107-205
500	6	30	60107-206

Glass Block Vacuum Manifold

HyperSep-96 Retain PEP Well Plates and Individual Wells

Bed Weight (mg)	Column Volume (mL)	Quantity	Part Number
5	1	100 Wells	60303-201
10	1	100 Wells	60303-202
30	1	100 Wells	60303-203
60	1	100 Wells	60303-204
5	1	1 Plate	60303-205
10	1	1 Plate	60303-206
30	1	1 Plate	60303-207
60	1	1 Plate	60303-208

Description	Quantity	Part Number
Universal vacuum manifold	1	60104-230
Universal vacuum manifold base/gauge	1	60104-231
16 Port vacuum manifold	1	60104-232
24 Port vacuum manifold	1	60104-233
HyperSep-96 vacuum manifold	1	60103-351
Plugs for universal manifold 24 port extraction plate	24	60104-234
Plugs for universal manifold 48 port extraction plate	48	60104-235
Vacuum gauge	1	60104-240
Stopcocks with luer adaptor for glass block manifolds	16	60104-242
Base plate, single	1	60300-302
Base plate, pack	5	60300-303
Sample collection plate, 1 mL	50	60300-402
Sample collection plate, 2 mL	50	60300-403
Luer adaptors for well outlet	25	60300-323
Well removing tool	1	60300-310
Base plate plugs, strips of 8	50	60300-313
Empty wells, 1 mL	100	60300-318
Empty fritted wells, 1 mL	100	60300-311
Insert for Porvair™ manifold	1	60300-320
Well sealing caps	50	60300-317

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