

MicroLute™ – a complete 96-well sample preparation system from Porvair Sciences

Components of the MicroLute™ system:

- Filter plate
- Vacuum Manifold
- Deep well block or other reservoir
- Optional: MicroLute™ P³-plate



Fields of application:

- Purification of biological samples
- Protein precipitation
- Removal of phospholipids
- Removal of proteins

Optimal combined with the evaporators from Porvair Sciences:

- MiniVap™ Evaporator (manual)
- MiniVap™ Gemini (manual with two positions for evaporation)
- UltraVap™ Levante (fully automatic)
- UltraVap™ Mistral (fully automatic and robot compatible)



Advantages of the MicroLute™ system:

- Manifold from clear acryl for easy handling
- Plates from 100% polypropylene prevent contamination
- 3 standard sizes (350 µl, 1 ml and 2 ml) for optimal recovery
- Standardised height of reservoirs



Also ask for our separate price lists for filter plates, vials, reservoirs and evaporators



SPE starter pack

The starter pack was especially developed for users who extract solid components for the first time. The kit includes everything which is needed for the first tests:

The kit consists of:

- 2 x 50 mg C18, C8, C2, IRIS MAX, IRIS MCX, IRIS N, IRIS PLUS, IRIS WCX* for development of methods
- 1 x 50 mg standard MicroLute™ IRIS PLUS
- 1 x Acrylic Manifold (Cat. No.228008)
- 1 x 1 ml Spacer Insert (Cat. No. 228010)
- 3 x 2 ml 96-well microtest plates
- 3 x Reservoir

* = all sorptions are available in several quantities



Cat. No.	Description	Cs.
271023	Solid phase extraction starter pack	1



Universal
Robotic Manifold

Vacuum Manifolds

The MicroLute™ Manifold is precision made and ideal for solid phase extraction from square deep well plates. The Universal Robotic Manifold can be used for phase extraction from a great choice of different plates (also compatible with plates from other manufacturers).



MicroLute™
Manifold

Cat. No.	Description	Cs.
228008	Standard MicroLute™ manifold for 96-well reservoirs	1
228010	Spacer Insert, PP, 1 ml, for PP-plates with round wells (Cat. No. 219002) in acrylic- and in aluminium deep well manifold (Kat. Nr. 228008 u. 228020), optional	1
228012	Spacer Insert, HDPE, 350 µl, for 350 µl microtest plates in acrylic manifold (Cat. No. 228008 and 228020), optional	1
228020	Universal Robotic Manifold, compatible with 96-deep well reservoirs	1
228021	Adapter 1 for half skirt / half sized drips	1
228022	Adapter 2 for short skirt / long drips	1

Protein MicroLute P³

240100	Protein MicroLute™, P ³ protein precipitation plate	1
240010	Do., high efficiency, P ³ , with untreated frits, for applications where samples are mixed with acetonitrile before added to the plate	1

Combinatorial - MicroLute™

240002	Combinatorial - MicroLute™ Platte, unpacked, with PE frits, pore size 36 µm	1
240054	Combinatorial - MicroLute™ Platte, unpacked, with PE frits, pore size 10 µm	1
240011	Empty 96-well MicroLute without top or bottom frits	40
239007	Bottom frits 1,5 x 7,2 mm, Vyon F PE, pore size 20 µm	1000
239010	Bottom frits 1,5 x 7,2 mm, Vyon T PE, pore size 10 µm	1000