



Product List

October 2016

TethaPod Starter Kit (Part number SDx-K1)

Comprising:

- 1 tethaPod (Part number SDx-R1)
- 1 SDx RC test card (part number SDx-A2)
- 10 tethaPlate Cartridge Assembly (Part number SDx-T10)
- 1 vial of Second Layer lipids (Part number SDx-S1)
- Clamp and slide assembly jig (Part number SDx-A1)

TethaPatch Starter Kit (Part number SDx-K2)

Comprising:

- 1 tethaPatch (Part number SDx-R2)
- 1 SDx RC test card (part number SDx-A2)
- 10 tethaPlate Cartridge Assembly (Part number SDx-T10)
- 1 vial of Second Layer lipids (Part number SDx-S1)
- Clamp and slide assembly jig (Part number SDx-A1)

TethaPlate – Lipid Coated Gold Electrodes in Flow Cell Cartridge Assembly (Part numbers SDx-T1, SDx-T10)

(supplied in pack of 10)

Comprising:

Six electrodes of coated gold on a polycarbonate slide supplied in sealed Alfoil pack.
Polycarbonate flow cartridge with gold coated counter electrode and adhesive laminate to attach slide to cartridge.

Lipid Coatings on Electrodes:

Benzylsulphide, bis-tetraethylene glycol spacers plus
Benzylsulphide, bis-tetraethylene glycol C16 phytanyl half membrane spanning tethers
in a tether ratio of 1% (**SDx-T1**) or 10% (**SDx-T10**).

Shelf life – 9 months@4C

Other tethering ratios are available on special request.



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TethaPlate – Gold Electrodes (uncoated) in Flow Cell Cartridge Assembly (Part number SDx-BG)

(supplied in a pack of 10)

Comprising:

Six electrodes of coated gold on a polycarbonate slide supplied in sealed Alfoil pack.

Polycarbonate flow cartridge with gold coated counter electrode and adhesive laminate to attach slide to cartridge.

Second layer lipid (Part number SDx-S1)

Comprising:

1ml glass vial containing
70% C16 diphytanyl phosphatidylcholine
30% C16 diphytanyl glycerol in 99.9% ethanol

Other mobile lipid formulations are available on special request

Tethering lipid mix (Part number SDx-S2)

Comprising:

5ml glass vial containing
90% Benzyldisulphide TEG OH
10% Benzyldisulphide PEG phytanyl
in 99.9% ethanol

Other tethering lipid formulations are available on special request

Clamp and slide alignment jig (Part number SDx-A1)

Comprising:

Materials to attach the slide with electrodes to the flow cell cartridge



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TethaPatch (Part number SDx-R2)

Comprising:

A connection for flow cell cartridges to allow use with external EIS systems

tethaPod (Part number SDx-R1)

A reader of resistance and capacitance on six channels simultaneously.

Type B, USB lead.

Software and analysis package.

Instruction manual

SDx RC test card (Part number SDx-A2)

Comprising:

A test cartridge containing RC circuit components to be used for reader QC

tethaPod Software (Part number SDx-B1)

Comprising:

Software for use with tethaPod to process data and display conductance, impedance and capacitance measurements from the tethaPlate electrodes.