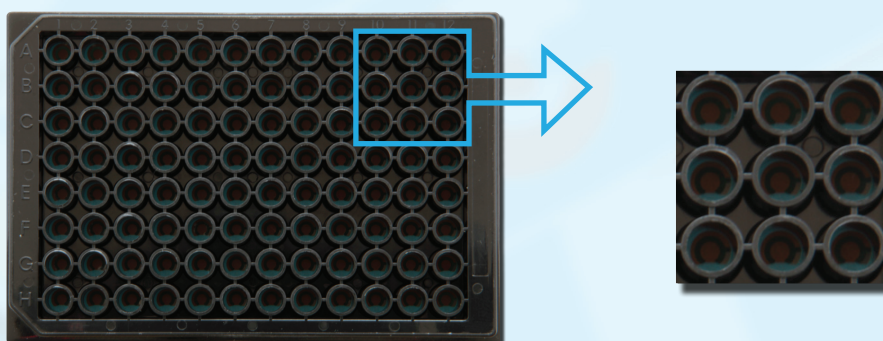


96X Screen-Printed Gold Electrode

Ref. 96X220



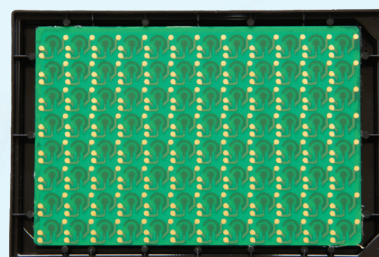
DropSens launches **Electrochemical ELISA plates**. This is a new screen-printed electrochemical array formed by 96 three-electrode electrochemical cells with gold-based working electrodes. This electrochemical array is fixed in the bottom of a standard microtiter ELISA plate with 96 wells.

The system is available with carbon and platinum working electrodes and can be customised with other working electrode materials such as silver or carbon modified with nanomaterials.

Electrochemical detection can be now easily coupled to ELISA assays by using standard instrumentation already available in any lab. Standard volumes around 300-400 μ l can be used in the wells to carry out affinity interactions. In the detection step any electrochemical technique can be applied and any electrochemical parameter can be easily optimized.

The electrochemical cell consists of:

- Working electrode:* Gold (3 mm diameter)
- Auxiliary electrode:* Gold
- Reference electrode:* Silver
- Plastic substrate:* L7.4 cm x W11 cm x H0.5 mm
- Electric contacts:* Gold



Gold plated contact paths are printed in the backside of the 96X220 plate. 96x3 contacts are present corresponding to independent WE, AUX and RE printed in the bottom of each well.

96X220 are commercialised in 4 units packs.

Electrochemical ELISA plates are placed in resealable zip lock bags, and should be stored at room temperature, protected from light in a dry place.

Also, a specific **connector** ref. CONNECTOR96X that acts as an interface between the screen-printed electrodes 96X format and any kind of (multi) potentiostat is available at **DropSens**.

Related products



CONNECTOR96X



MAGNET96X



STAT8000



CABSTAT1

Full Catalogue



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