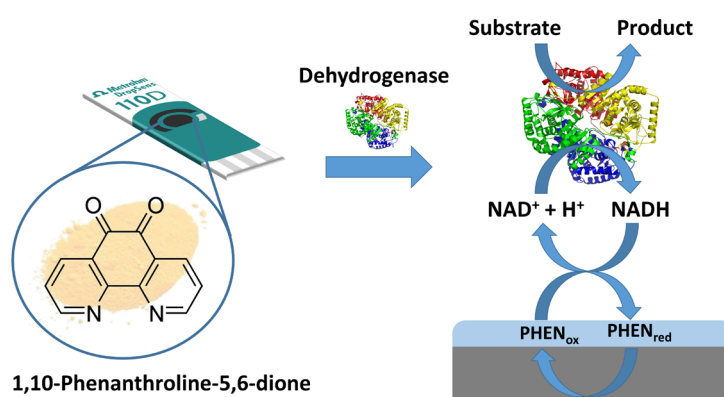


Screen-Printed Carbon Electrodes modified with Phenanthroline (PHEN)

Ref. 110PHEN

These disposable Screen-Printed Carbon Electrodes (SPCEs) are modified with 1,10-Phenanthroline-5,6-dione deposited in the surface of the working electrode.

The 110PHEN reference is ideal for the determination of nicotinamide adenine dinucleotides (NADH) with low detection potential. These electrodes are recommended for the development of enzymatic dehydrogenase based sensors.



The electrochemical cell consist on:

Working electrode: 1,10-Phenanthroline-5,6-dione (4 mm diameter)/carbon

Auxiliary electrode: carbon

Reference electrode: silver

Electric contacts: silver

Ceramic substrate: L34 x W10 x H0.5 mm

110PHEN Screen-Printed Electrodes are commercialized in 50 units per pack. The sensors should be stored at room temperature in a dry place.

www.metrohm-dropsens.com