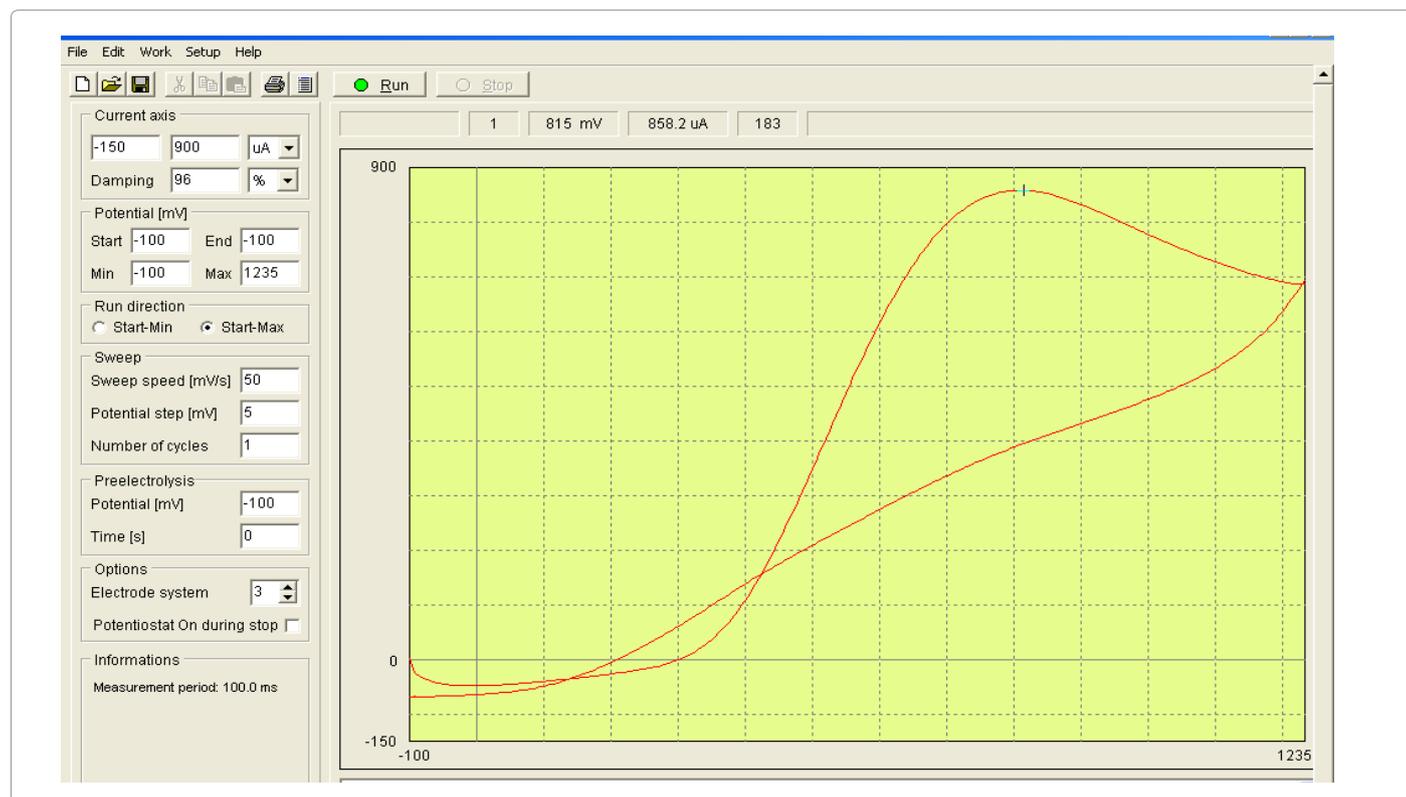


Illustration of Cyclic Voltammetric Ascorbic Acid Assessment, with the Anodic Oxidation Peak of the Analyte

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Cyclic voltammogram (current intensity versus potential dependence) recorded with a potentiostat-galvanostat, using a three-electrode electrochemical cell, having a Pt working electrode, a Pt counter-electrode and a calomel reference electrode. The registered analytical response corresponds to a 15 mM ascorbic acid solution, prepared in 0.1 M KCl as supporting electrolyte. The potential was scanned with a sweep rate of 50 mV s⁻¹. The intensity of the anodic peak is proportional to the analyte concentration value. The aspect of the voltammogram is consistent with that corresponding to an irreversible redox couple.

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