

Materials List for:

# Electrochemical Impedance Spectroscopy As a Tool for Electrochemical Rate Constant Estimation

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## Materials

Name	Company	Catalog Number	Comments
Potentiostat	BioLogic	SP-150	
Platinum disc electrode	eDAQ	ET075	1 mm diameter
Platinum wire	-	-	counter electrode
Silver wire	-	-	silver electrode
Electrochemical cell	eDAQ	ET080	3 mL volume
Polishing cloth	eDAQ	ET030	
Alumina slurry	eDAQ	ET033	0.05 μm
Butane torch	Portasol	Mini-Torch/Heat Gun	
Dichloromethane (DCM)	Sigma-Aldrich	106048	
Tetrabutylammonium tetrafluoroborate (Bu <sub>4</sub> NBF <sub>4</sub> )	Sigma-Aldrich	86896	