

Supplementary material to Porcine gelatine detection *via* electrochemical immunosensors utilizing green-synthesized cerium oxide nanoparticles from orange peel

Rafa Radithya Swara¹, Nazwa Alya Zahra¹, Dea Hasna Tsary¹, Biyas Aurora Nania Nevada¹, Elisabeth Nasya Dominika Setyawati Putri², Salma Nur Zakiiyah¹, Yohanes Susanto Ridwan^{1,3}, Yeni Wahyuni Hartati^{1,4} and Irkham^{1,4}

¹Department Chemistry, Faculty of Mathematics and Natural Science, Universitas Padjadjaran, Jalan Raya Bandung-Sumedang Km 21 Jatinangor, Sumedang 45363, Indonesia

²Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran, Jalan Raya Bandung-Sumedang Km 21 Jatinangor, Sumedang 45363, Indonesia

³Directorate of Laboratory Management, Research Facilities, and Science and Technology Park, National Research and Innovation Agency Republic of Indonesia, Jakarta 10340, Indonesia

⁴Study Center of Sensor and Green Chemistry, Faculty of Mathematics and Natural Science, Universitas Padjadjaran, Bandung 40132, Indonesia

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Table S1. Particle size data of synthesized CeO₂ NPs with orange peel and without orange peel from PSA characterization

CeO ₂ sample	Average NP size, nm	Median NP size, nm
With orange peel	911	609
Without orange peel	1060	748

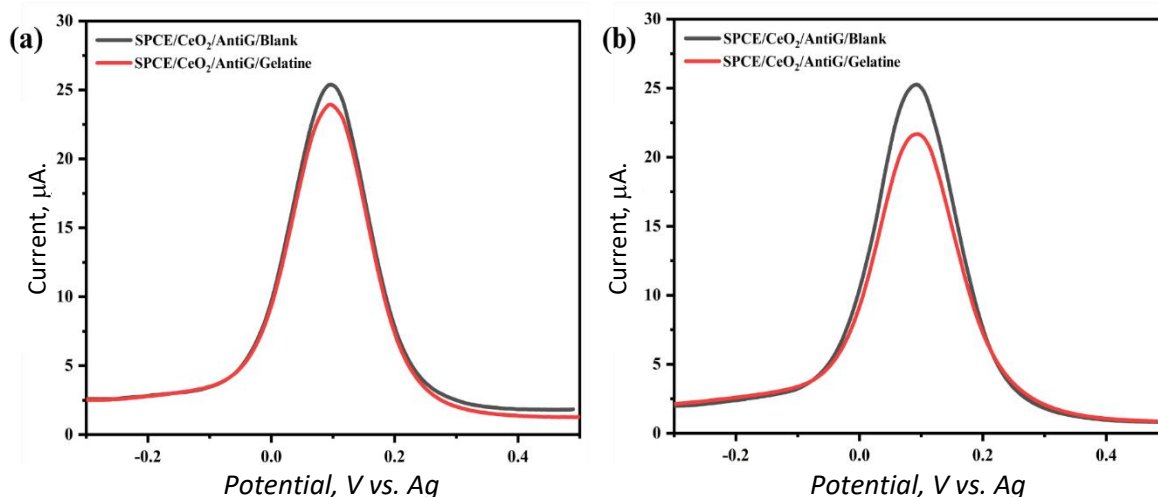


Figure S1. DPV voltammograms of CeO₂ NPs synthesized (a) without orange peel and (b) with orange peel

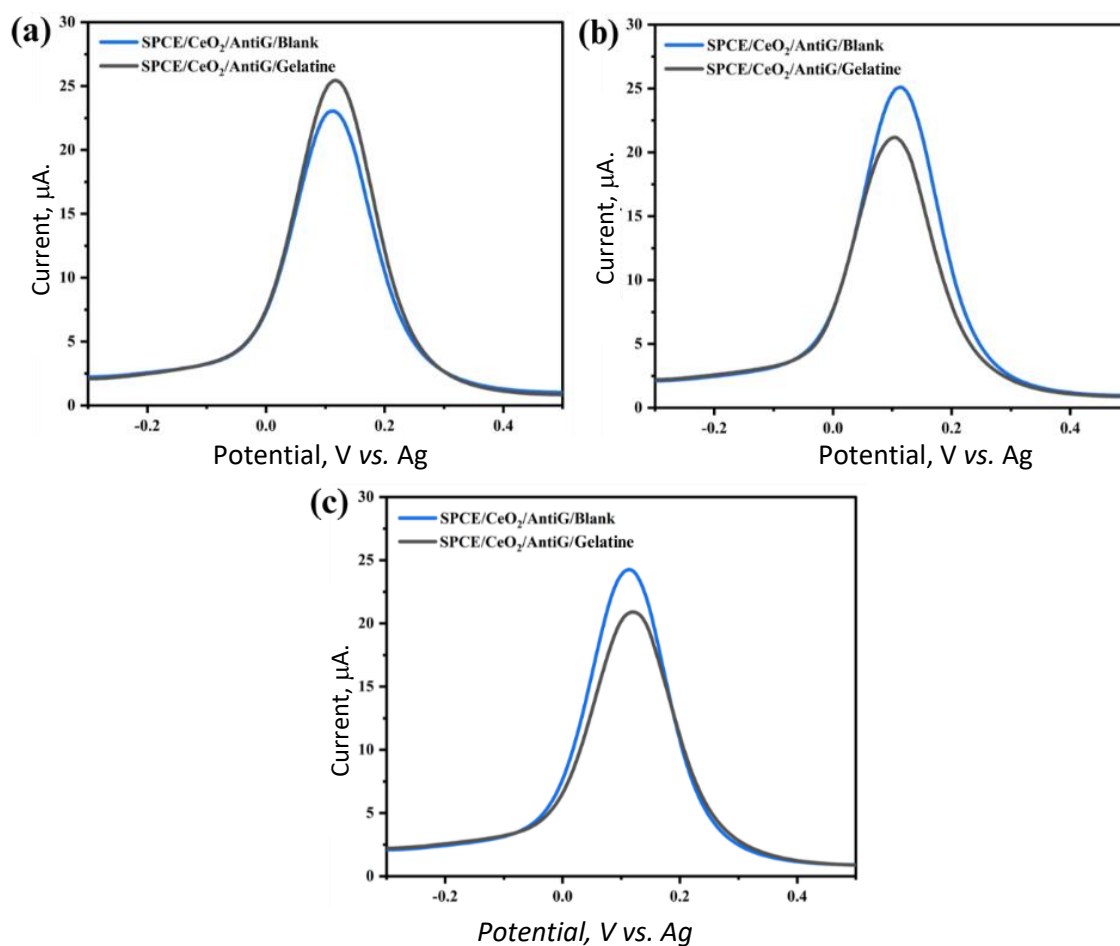


Figure S2. DPV voltammograms of varying concentrations CeO₂ NPs (a) 0 ppm (b) 100 ppm (c) 300 ppm

Table S2. Comparison of Δi between commercial porcine gelatine and commercial bovine gelatine

Sample	Description	Current, μA	Δi / %
Porcine gelatine	blank	46.58	14.26
	target	39.94	
Bovine gelatine	blank	46.58	6.87
	target	43.38	