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Supplementary Information

Development of a DNA biosensor based on MCM41 modified screen-printed graphite electrode for the study of short sequence of p53tumor suppressor genein hybridization and its interaction with flutamide drug using hemin as the electrochemical label

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Table S1. Comparison of the analytical performance between the proposed sensor and other electrochemical detection methods for flutamide.

Sensing surface	**Method**	**LR**	**LOD**	**Ref.**
Gold electrode	DPV	6 to 60 μM and 100–600 μM	1.8 μM	[1]
Ag nanoparticle decorated reduced graphene oxide	DPV	0.1 to 0.3 mM	1.16 μM.	[2]
Boron-doped diamond electrode	DPV	0.99–42.9 μM	0.42 μM	[3]
mercury electrode	DPV		0.19 μM	[4]
Ag nanoparticles/ glassy carbon electrode	DPV	10–1000 μM	9.33μM	[5]
Carbon screen printed electrode	DPV	0.7 to 10 μM	0.1 μM	This work

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