

Supplementary Information

Development of an Antigen-DNAzyme Based Probe for a Direct Antibody-Antigen Assay Using the Intrinsic DNAzyme Activity of a Daunomycin Aptamer. *Sensors* 2014, 14, 346-355

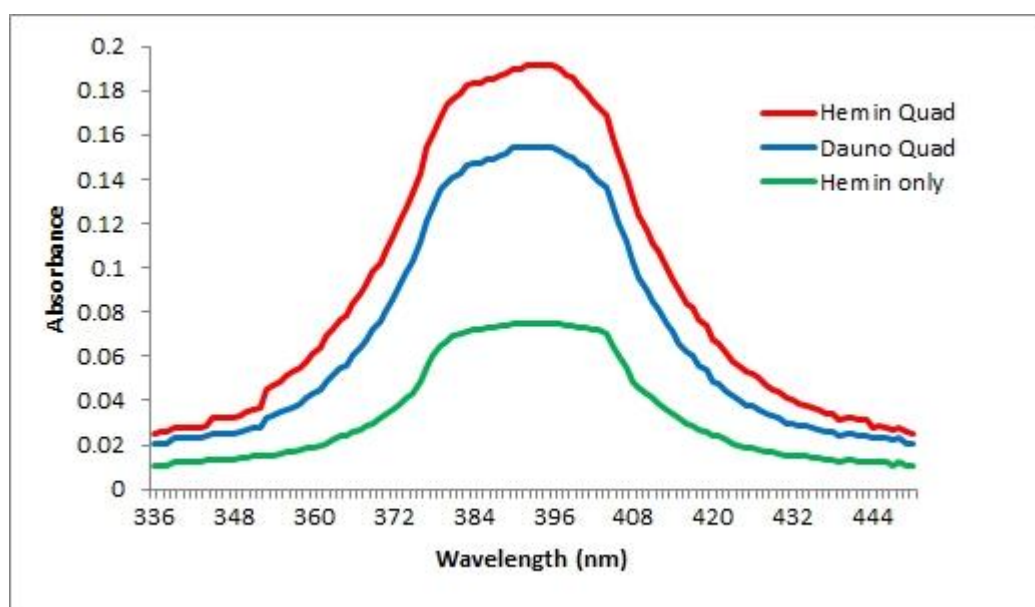
Noorsharmimi Omar ¹, Qiuting Loh ¹, Gee Jun Tye ¹, Yee Siew Choong ¹, Rahmah Noordin ¹, Jörn Glökler ² and Theam Soon Lim ^{1,*}

¹ Institute for Research in Molecular Medicine, Universiti Sains Malaysia, 11800 Minden, Penang, Malaysia; E-Mails: mimiez_m5@yahoo.com.my (N.O.); qiutingloh@gmail.com (Q.L.); geejun@usm.my (G.J.T.); yeesiew@usm.my (Y.S.C.); rahmah@usm.my (R.N.)

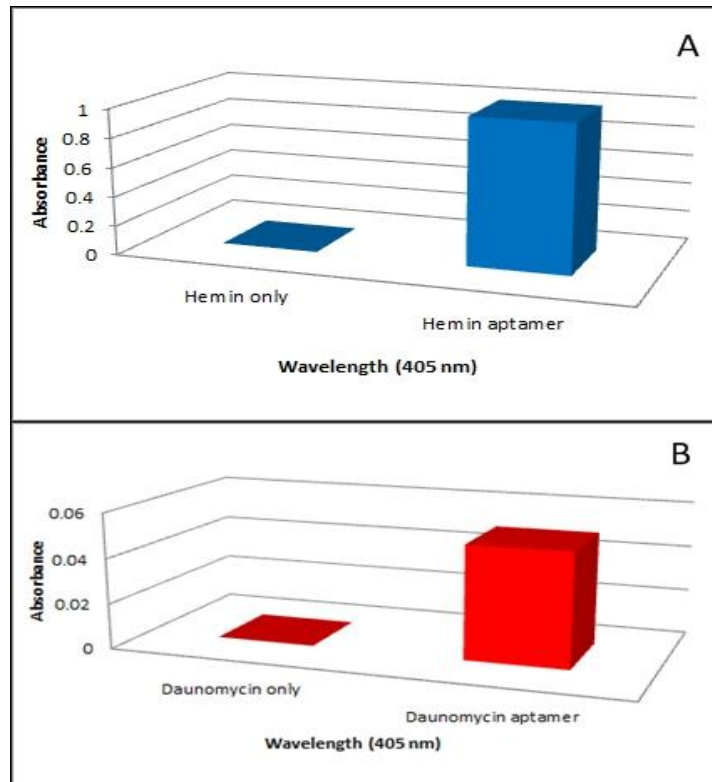
² Department of Molecular Biotechnology and Functional Genomics, Technical University of Applied Sciences Wildau, Bahnhofstr. 1, 15745 Wildau, Germany; E-Mail: gloekler@th-wildau.de

* Author to whom correspondence should be addressed; E-Mail: theamsoon@usm.my; Tel.: +604-653-4801; Fax: +604-653-4803.

Supplementary Figure 1. Normalized UV-Vis spectra analysis of hemin/G-quadruplex structures formation in aqueous solution containing K⁺/Na⁺ ions carried out in the absence of ABTS reaction with the complex.



Supplementary Figure 2. UV spectroscopy analysis at 300 nm to 700 nm of peroxide catalyzed oxidation of ABTS. **(A)** 5 mM hemin standard in DMSO and G-4-hemin aptamer with 5 mM hemin in HEPES buffer, pH 7.2 at room temperature; **(B)** 5 mM daunomycin standard in DMSO and daunomycin aptamer in HEPES buffer, pH 7.2 at room temperature. The 405 nm absorbance shows the ABTS reaction with the ligands independently and aptamers.



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