

Supplementary Material

Rapid assay for the therapeutic drug monitoring of edoxaban

Md Abdur Rashid,^{1*} Saiqa Muneer,² Yahya Alhamhoom,¹ and Nazrul Islam³,

¹Department of Pharmaceutics, College of Pharmacy, King Khalid University, Guraiger, Abha 62529, Kingdom of Saudi Arabia.

²School of Chemistry and Physics, Faculty of Science, Queensland University of Technology, Brisbane, 4000, Queensland, Australia.

³Pharmacy Discipline, School of Clinical Sciences, Faculty of Health, Queensland University of Technology, Brisbane, 4000, Queensland, Australia.

Corresponding author: Md Abdur Rashid: mdrashid@kku.edu.sa

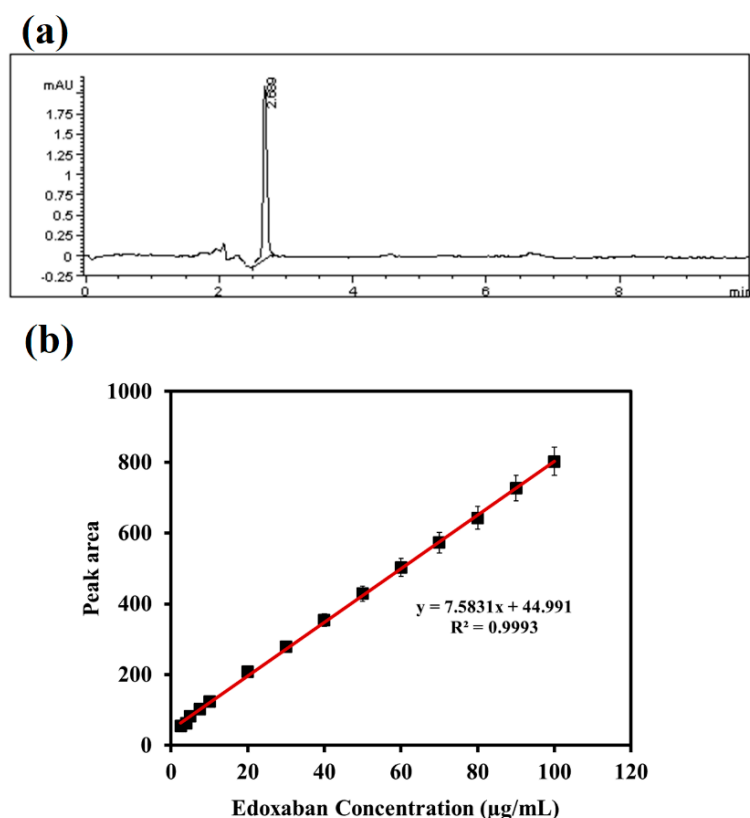


Fig. S1 (a) Chromatographic separation of edoxaban by HPLC-UV method (b) calibration plot of the drug at retention time of 2.68 min.

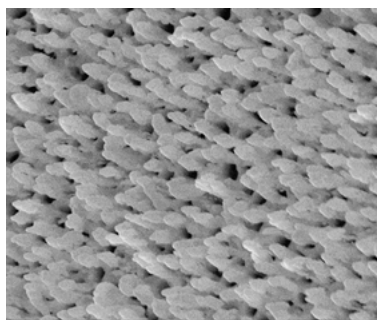


Fig. S2 SEM image of the gold coated silicon nanopillar substrate

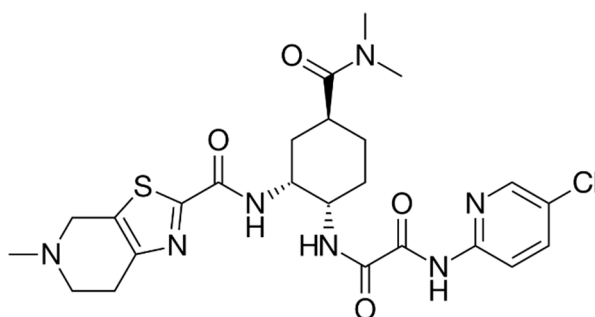


Fig S3. Chemical structure of edoxaban

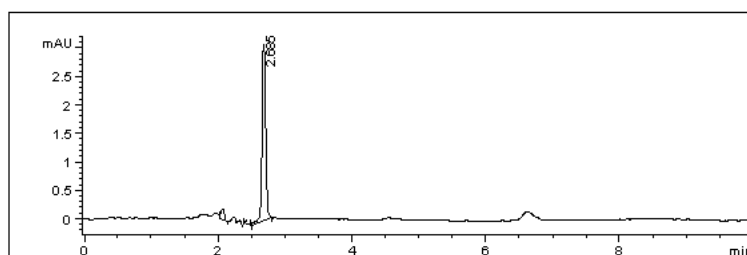


Fig. S4. Chromatographic separation of edoxaban by HPLC-SERS method (retention time of the drug = 2.68 min)