

Supplementary Materials

# Development of polyclonal antibody against clenbuterol for immunoassay application

Nurul Ain A. Talib <sup>1,2</sup>, Faridah Salam <sup>3</sup> and Yusran Sulaiman <sup>1,2,\*</sup>

<sup>1</sup> Functional Device Laboratory, Institute of Advance Technology, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia;

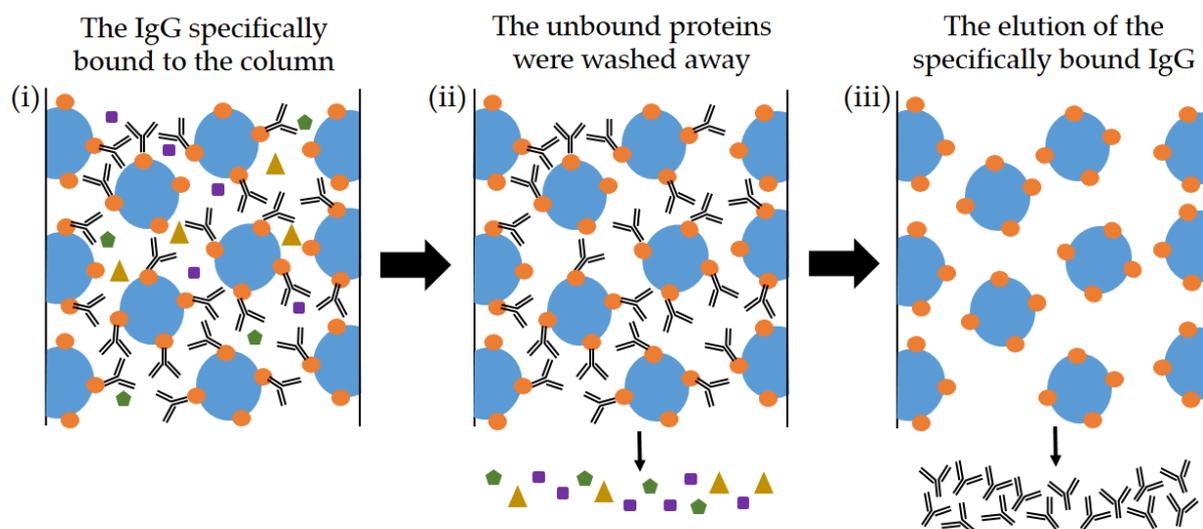
<sup>2</sup> Department of Chemistry, Faculty of Science, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia;

<sup>3</sup> Biodiagnostic-Biosensor Programme, Biotechnology and Nanotechnology Research Centre, Malaysian Agricultural Research and Development Institute, 43400 Serdang, Selangor, Malaysia;

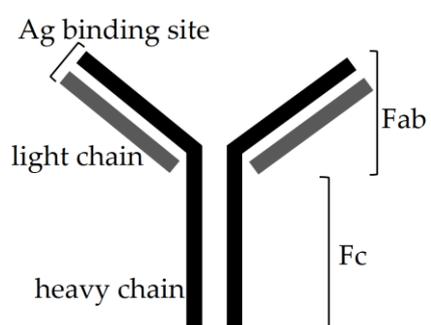
\* Correspondence: yusran@upm.edu.my; Tel.: +60-389466779; Fax: +60-389435380

## Table of Contents

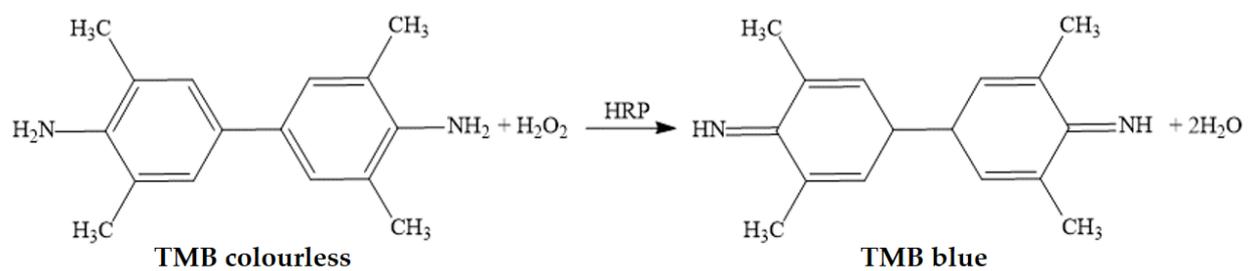
Content	Page no.
Figure S1. Illustration of IgG separation procedure in affinity column; (i) IgG specifically bound to the nProtein A; (ii) the unbound proteins were washed out; and (iii) the specific IgG was eluted out and collected.	3
Figure S2. Schematic diagram of the IgG structure.	3
Figure S3. Schematic of HRP-catalyzed oxidation of 3,3',5,5'-tetramethylbenzidine.	6



**Figure S1.** Illustration of IgG separation procedure in affinity column; (i) IgG specifically bound to the nProtein A; (ii) the unbound proteins were washed out; and (iii) the specific IgG was eluted out and collected.



**Figure S2.** Schematic diagram of the IgG structure.



**Figure S3.** Schematic of HRP-catalyzed oxidation of 3,3',5,5'-tetramethylbenzidine.