Supplementary material

Molecularly Imprinted Polymers as effective capturing receptors in a pseudo-ELISA Immunoassay for Procalcitonin detection in Veterinary Species.

Federica Battaglia^{*a,b}, Francesca Bonelli^b, Micaela Sgorbini^b, Luigi Intorre^b, Maria Minunni^a, Simona Scarano^a and Valentina Meucci^{*b}

^aDepartment of Chemistry "Ugo Schiff', University of Florence, 50019 Sesto Fiorentino (FI), Italy ^bDepartment of Veterinary Science, University of Pisa, 56122 Via Livornese (PI), Italy *Corresponding authors: <u>federica.battaglia@unifi.it</u>, <u>valentina.meucci@unipi.it</u>



Figure S1 - Saturation curves performed for cPCT on cMIPs (a) and ePCT on eMIP (b) in buffer with the sandwich assay. The sigmoidal curve was obtained by plotting the absorbance against the logarithm of e/c PCT concentration tested and fitted with nonlinear regression dose response (R^2 =0.999 for both proteins). Each point is representative of three measurements (Abs ± SD).