

Supplementary Information

for

**MAGNETIC BEAD-BASED ELECTROCHEMICAL
DETECTION OF INTERACTION BETWEEN
EPIGALLOCATECHIN-3-GALLATE AND STAT
PROTEINS**

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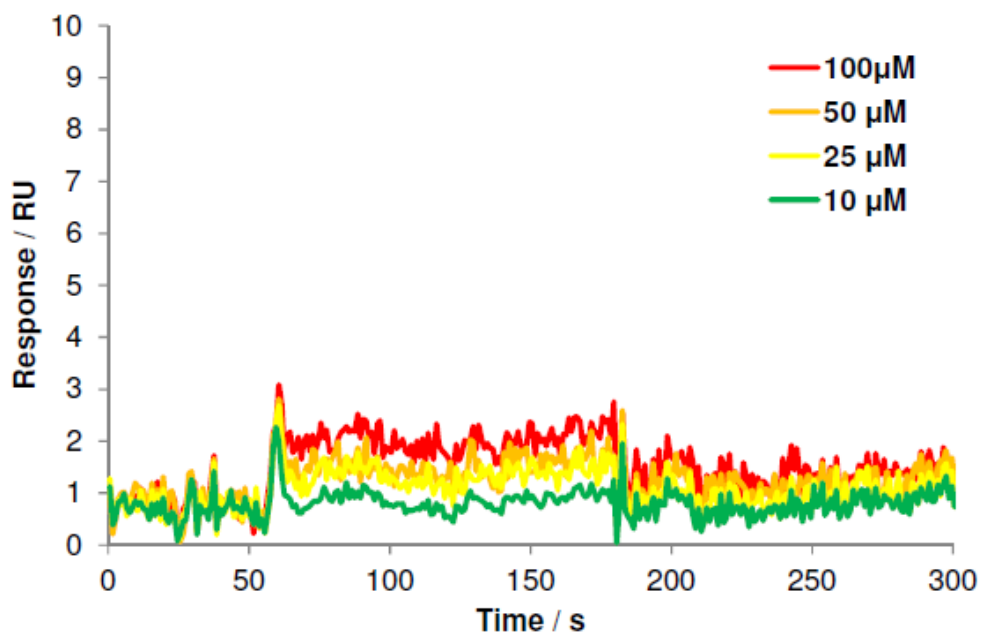


Fig. S1. Sensorgrams for the interaction between various concentrations of EGCG and 0.10 μM His-tagged Lcl protein immobilized on Ni^{2+} -NTA sensorchips. No binding affinity was detected using the Biacore X100 Evaluation software. Other conditions were as described in the Experimental section.

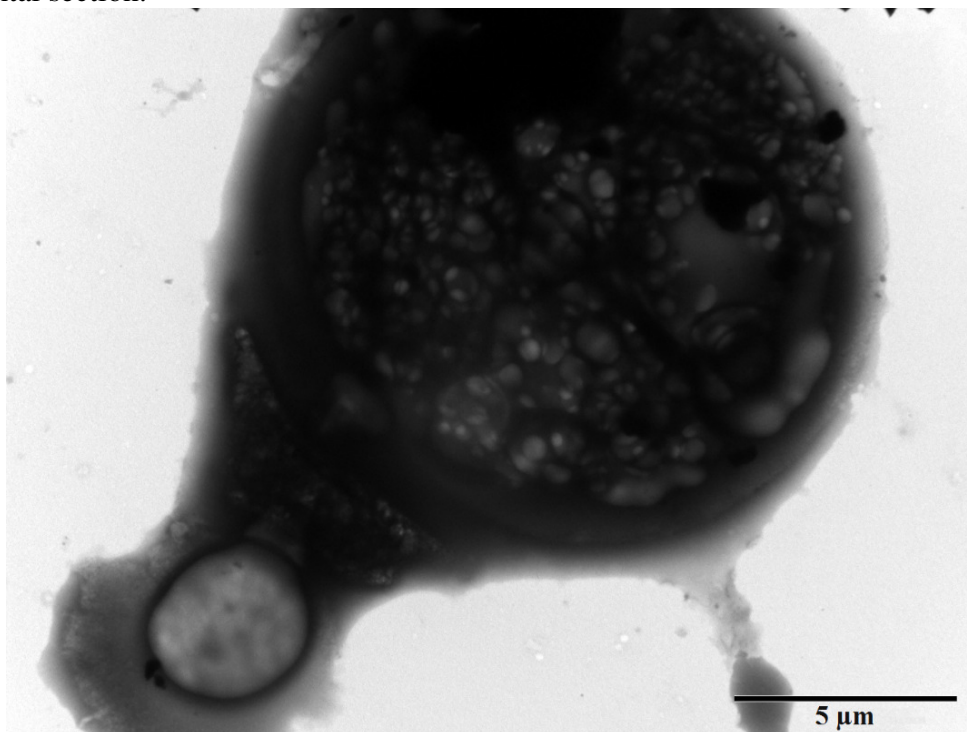


Fig. S2. TEM image of a superparamagnetic agarose bead which has been incubated in STAT5. Mesh like structure reveals bits of impregnated iron. The structure appears to be about 15 μm which is approximately the proposed size of the bead.