



Supplementary Materials

Magnetic Nanoclusters Increase the Sensitivity of Lateral Flow Immunoassays for Protein Detection: Application to Pneumolysin as a Biomarker for *Streptococcus pneumoniae*

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Table S1. Samples tested in the magnetic concentration process with their initial PLY, the volume of RB added to obtain the diluted sample and their diluted concentration.

Sample	Initial PLY (ng)	Volume Added (μL)	Volume of the Diluted Sample (μL)	Concentration of the Diluted Sample (ng/mL)
Reference	1.3	0	100	13.00
1	1.3	100	200	6.50
2	1.3	200	300	4.33
3	1.3	300	400	3.25
4	1.3	400	500	2.60
5	1.3	500	600	2.17
6	1.3	600	700	1.86
7	1.3	800	900	1.44
8	1.3	900	1000	1.30
9	1.3	1000	1100	1.19
10	1.3	1250	1350	0.96
11	1.3	1500	1650	0.81