biosensors

MDPI

Supplementary Materials

Target-Specific Exosome Isolation through Aptamer-Based Microfluidics

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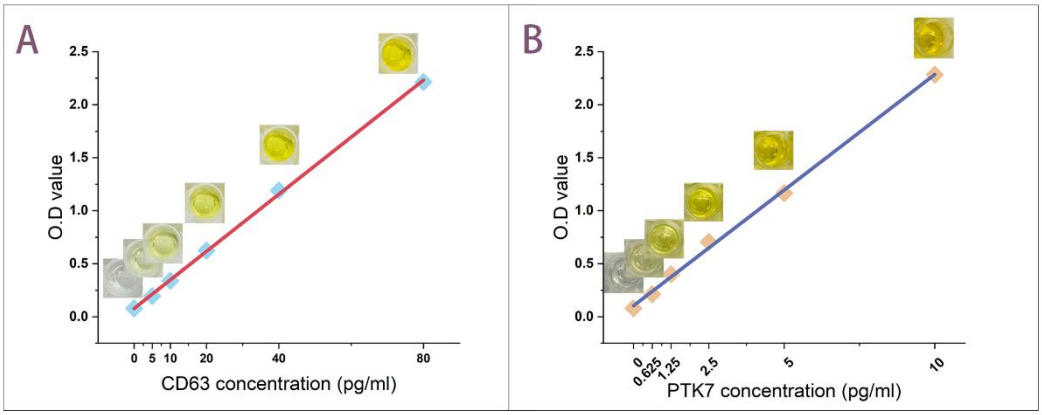

Figure S1. Standard curve of ELISA. (A) The correlation between O.D value and CD63 concentration. (B) The correlation between O.D value and PTK7 concentration

Table S1. Protein concentration of EVs recovery.

	Sample	Kit-6	Chip-6	Kit-7	Chip-7	Kit-8	Chip-8
CD63	O.D value (dilution 5-fold)	0.5106	0.581	0.5107	0.5316	0.5025	0.5839
	Color (dilution 5-fold)						
	CD63 concentration (pg/ml)	80.39	93.48	80.41	84.29	78.88	94.01
PTK7	O.D value (dilution 5-fold)	0.541	0.548	0.518	0.561	0.568	0.587
	Color (dilution 5-fold)						
	PTK7 concentration (pg/ml)	10.032	10.19	9.51	10.49	10.65	11.09
integrated area		433,804,170	42,912,153	250,561,231	346,749,284	2,170,367,723	181,276,080
particles/ml		4.3×10^8	4.3×10^7	2.5×10^8	3.4×10^8	2.1×10^9	1.8×10^8