

Electronic Supplementary Information (ESI)

for

Quantum dot-based sensitive detection of disease specific exosome in serum

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Table S1. Optimisation of incubation time

Incubation step	Time
Functionalisation of generic antibody Cd9/CD63 with streptavidin-coated MBs	30 min
Immunoreaction of exosomes with generic antibody-functionalised magnetic beads	30 min
Functionalisation of cancer-specific antibody HER2/FAM134B with QDs	30 min
Subpopulation of exosomes with tumor-specific antibody-functionalised CdSeQD	30 min
Dissolution of QDs with 0.1 M Nitric acid	30 min

Table S2. Pathological information of patients

<i>Patient's number</i>	<i>Sex</i>	<i>Age</i>	<i>Stage of cancer</i>
P1	M	65	3
P2	F	69	2
P3	F	74	2
P4	F	85	2
P5	M	71	3
P6	F	69	3
P7	F	77	4
P8	M	78	4
P9	M	60	1