

S6 Table. Concentration of miR-122 in clinical samples and serum control samples spiked with synthetic miR-122 determined using PCR.

| Patient ID | Sample number* | Volume sample (μL) | Ct | Copies/μL in PCR reaction | Copies in sample | Recovery (%) | Concentration in sample (pM) | Spiked concentration |
|-----------------|----------------|--------------------|------|---------------------------|-------------------|--------------|------------------------------|----------------------|
| HV1 | 1 | 90 | 34.4 | 76 | 3,345,710 | 51 | 0.12 [‡] | |
| | 2 | 90 | 34.1 | 92 | 4,050,941 | 81 | 0.09 [‡] | |
| HV2 | 1 | 95 | 32.4 | 281 | 12,355,108 | 84 | 0.26 [‡] | |
| | 2 | 95 | 32.9 | 200 | 8,783,626 | 94 | 0.16 [‡] | |
| HV3 | 1 | 95 | 33.3 | 156 | 6,875,551 | 83 | 0.15 [‡] | |
| | 2 | 95 | 33.4 | 147 | 6,461,253 | 84 | 0.13 [‡] | |
| HV4 | 1 | 100 | 33.2 | 169 | 7,419,621 | 78 | 0.16 [‡] | |
| | 2 | 100 | 33.4 | 152 | 6,705,783 | 70 | 0.16 [‡] | |
| 3 | 1 | 105 | 29.1 | 2,295 | 100,969,205 | 41 | 3.88 | |
| | 2 | 105 | 27.9 | 4,942 | 217,428,017 | 58 | 5.96 | |
| 4 | 1 | 95 | 25.6 | 21,300 | 937,196,939 | 73 | 22.41 | |
| | 2 | 95 | 25.1 | 29,113 | 1,280,986,047 | 79 | 28.31 | |
| 6 | 1 | 95 | 24.8 | 35,139 | 1,546,107,754 | 80 | 33.74 | |
| | 2 | 95 | 24.3 | 47,006 | 2,068,243,613 | 64 | 56.41 | |
| 9 | 1 | 90 | 27.4 | 6,702 | 294,868,894 | 75 | 7.24 | |
| | 2 | 90 | 27.8 | 5,120 | 225,300,348 | 98 | 4.24 | |
| Controls | | | | | | | | |
| 1 | 1 | 100 | 14.5 | 23,245,908 | 1,022,819,938,047 | 49 | 34380.66 | 10000 |
| 2 | 2 | 100 | 14.5 | 23,790,920 | 1,046,800,483,612 | 67 | 25999.14 | 10000 |
| 3 | 3 | 100 | 18.7 | 1,653,095 | 72,736,170,424 | 56 | 2151.74 | 1000 |
| 4 | 4 | 100 | 19.0 | 1,363,925 | 60,012,704,821 | 43 | 2301.44 | 1000 |
| 7 | 5 | 100 | 22.7 | 130,673 | 5,749,590,955 | 45 | 210.31 | 100 |
| 8 | 6 | 100 | 26.4 | 12,485 | 549,318,183 | 44 | 20.67 | 10 |

*For each patient and healthy volunteer, miRNA was extracted from two samples and its concentration was determined.

† Recovery of miRNA from the sample was determined by PCR using miR-39 control spikes. The concentration in samples were corrected for this recovery.

‡ The Ct values of samples from healthy volunteers were above or slightly below those of background samples (S3 Table), so the detection of miR-122 in these samples is ambiguous.