

Supplement Figure no.3

The high concentration and low concentration of *U.parvum* and *U.urealyticum* were detected by ddPCR for 8 times in one batch, and the corresponding CV were calculated.

The CV value of *U.parvum* with high concentration and low concentration were 2.25% and 1.09%, respectively by ddPCR. The CV value of *U.urealyticum* with high concentration and low concentration were 4.58% and 1.15% respectively by dd PCR.

Table The in-batch precision of *Ureaplasma* spp. was detected by ddPCR.

Sample	U.parvum- high	U.parvum- low	U.urealyticum- high	U.urealyticum- low
Rep1	123	31.6	364	30.8
Rep2	123	31.7	348	31.5
Rep3	126	31.0	354	31.6
Rep4	122	31.6	382	31.7
Rep5	124	31.8	396	31
Rep6	129	31.9	397	31.6
Rep7	122	31.9	367	31.8
Rep8	119	32.3	380	31.9
Mean	123.50	31.73	373.50	31.49
SD	2.78	0.35	17.09	0.36
CV (%)	2.25	1.09	4.58	1.15