

Supplementary table 1. Comparison of ITS-1 PCR and LAMP assay results of NEC samples.

The number of parasites was extrapolated from the PCR standard curve and parasite load stated as the number per μg genomic DNA. Mean ADC values of ten replicates are shown.

Sample No.	Sample code	ITS-1 PCR result	Parasite load	LAMP assay result	Mean ADC value
1.	PG 11	Negative	Not applicable	Negative	3
2.	PG 12	Negative	Not applicable	Negative	4
3.	PG 13	Negative	Not applicable	Negative	3
4.	PG 14	Negative	Not applicable	Negative	4
5.	PG 15	Negative	Not applicable	Negative	5
6.	PG 61	Negative	Not applicable	Negative	6
7.	PG 62	Negative	Not applicable	Negative	4
8.	PG 63	Negative	Not applicable	Negative	5
9.	PG 64	Negative	Not applicable	Negative	5
10.	PG 65	Negative	Not applicable	Negative	5
11.	PG 66	Negative	Not applicable	Negative	5
12.	PG 67	Negative	Not applicable	Negative	6
13.	PG 68	Negative	Not applicable	Negative	5
14.	PG 69	Negative	Not applicable	Negative	7
15.	PG 70	Negative	Not applicable	Negative	5

Supplementary table 2. Comparison of ITS-1 PCR and LAMP assay results of leprosy patient samples.

The number of parasites was extrapolated from the PCR standard curve and parasite load stated as the number per μg genomic DNA. Mean ADC values of ten replicates are shown.

Sample No.	Sample code	ITS-1 PCR result	Parasite load	LAMP assay result	Mean ADC value
1.	PG 71	Negative	Not applicable	Negative	6
2.	PG 72	Negative	Not applicable	Negative	6
3.	PG 73	Negative	Not applicable	Negative	5
4.	PG 74	Negative	Not applicable	Negative	5
5.	PG 75	Negative	Not applicable	Negative	6
6.	PG 76	Negative	Not applicable	Negative	5
7.	PG 77	Negative	Not applicable	Negative	5
8.	PG 78	Negative	Not applicable	Negative	5
9.	PG 79	Negative	Not applicable	Negative	5
10.	PG 80	Negative	Not applicable	Positive	13

Supplementary table 3. Comparison of ITS-1 PCR and LAMP assay results of post-treatment VL samples.

The number of parasites was extrapolated from the PCR standard curve and parasite load stated as the number per μg genomic DNA. Mean ADC values of ten replicates are shown.

Sample No.	Sample code	ITS-1 PCR result	Parasite load	LAMP assay result	Mean ADC value
1	PG 96	Negative	Not Detected	Negative	6
2	PG 97	Negative	Not Detected	Negative	5
3	PG 98	Negative	Not Detected	Negative	6
4	PG 99	Negative	Not Detected	Negative	5
5	PG 100	Negative	Not Detected	Negative	5