

SUPPLEMENTARY INFORMATION

Diagnosis of Human Leptospirosis in a Clinical Setting: Real-Time PCR High Resolution Melting Analysis for Detection of *Leptospira* at the Onset of Disease

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Demographic characterization	Patients	
	N = 202	%
Age at infection (yr)		
Mean	48.2±16.4	–
Range	17-86	–
Gender (n, %)		
Male	181	89.6
Female	21	10.4
Profession (n, %)		
Farmer	41	20.3
Unemployed	27	13.4
Bricklayer	26	12.9
Retired	24	11.9
Housewife	12	5.9
Students	11	5.5
Federal employee	7	3.5
Businessman	6	3.0
Factory worker	4	2.0
Others	44	21.8
Municipalities of São Miguel Island (n, %)		
Ponta Delgada	110	54.5
Ribeira Grande	43	21.3
Lagoa	15	7.4
Vila Franca do Campo	15	7.4
Povoação	11	5.5
Nordeste	6	3.0
Santa Maria Island (n, %)	2	1.0
Hospital department (n, %)		
Emergency	167	82.7
Internal medicine inpatients	18	8.9
Others	17	8.4

Table S1. Demographic characterization of the 202 patients suspected of leptospirosis.

Patients		qRT-PCR-HRM primers (average $T_m \pm SD$, °C)		<i>Leptospira</i> spp
N = 46	%	LFB1 F/R	G1/G2	
28	60.9	80.94 \pm 0.27	79.36 \pm 0.26	<i>L. interrogans</i>
18	39.1	83.84 \pm 0.27	81.82 \pm 0.30	<i>L. borgpetersenii</i>

Table S2. Determination of the melting temperatures (T_m), by qRT-PCR-HRM with primer sets LFB1 F/R and G1/G2. The assay was performed in the 46 patients with laboratory-confirmed leptospirosis (corresponding to 184 duplicate samples of serum and urine). Abbreviation: SD, standard deviation.