

Fluorescent and colorimetric RT-LAMP as a rapid and specific qualitative method for chronic myeloid leukemia diagnosis

Mateus Nóbrega Aoki^{1*}, Anelis Maria Marin¹, Dalila Luciola Zanette¹, Jeanine Marie Nardin², Eduardo Cilião Munhoz², Lucas Blanes¹, Francielle Boçon de Araújo Munhoz¹; Bruna de Oliveira Coelho¹

¹Laboratory for Applied Science and Technology in Health, Carlos Chagas Institute, Oswaldo Cruz Foundation (Fiocruz), Prof Algacyr Munhoz Mader 3775 Street, Curitiba, Paraná, Brazil, ZIP 81350-010

²Erasto Gaertner Hospital, Dr. Ovande do Amaral 201 Street, Curitiba, Paraná, Brazil, ZIP 81520-060

Supplementary table 1: Individual results for RT-qPCR and colorimetric RT-LAMP for BCR-ABL detection in CML patients.

Samples	RT-qPCR		Colorimetric RT-LAMP
	Ct p210	Ct Abl1	
1	19,78	21,21	Positive
2	21,14	23,14	Intermediate
3	22,17	22,6	Positive
4	22,24	25,66	Positive
5	22,54	27,13	Positive
6	22,74	24,11	Positive
7	23,67	23,84	Positive
8	23,69	23,76	Positive
9	23,84	23,96	Positive
10	25,18	26,17	Positive
11	25,24	26,56	Positive
12	25,3	26,21	Positive
13	25,68	24,98	Positive
14	25,84	25,18	Positive
15	26,16	27,95	Positive
16	26,17	24,39	Positive
17	26,89	27,78	Negative
18	27	25,04	Positive
19	27,53	27,56	Positive
20	28,53	26,55	Positive
21	29,66	28,78	Negative
22	29,73	26,02	Positive
23	30,27	26,25	Positive
24	30,89	26,18	Positive

25	30,92	25,79	Positive
26	33,11	26,68	Negative
27	33,46	28,95	Negative
28	33,5	26,69	Negative
29	33,53	26,6	Negative
30	33,87	25,53	Negative
31	34,5	24,88	Positive
32	34,79	27,21	Negative
33	35,33	29,68	Negative
34	35,69	26,91	Negative
35	35,97	26,94	Positive
36	37,31	26,12	Negative
37	ND	21,54	Negative
38	ND	27,41	Negative
39	ND	25,02	Negative
40	ND	27,26	Negative
41	ND	26,53	Negative
42	ND	26,51	Negative
43	ND	24,05	Negative
44	ND	27,67	Intermediate
45	ND	28,11	Negative
46	ND	27,27	Negative
47	ND	25,21	Negative
48	ND	24,98	Negative
49	ND	29,94	Negative
50	ND	29,03	Negative
51	ND	26,14	Negative
52	ND	27,54	Negative
53	ND	25,17	Negative
54	ND	26,83	Negative
55	ND	26,24	Negative
56	ND	26,58	Negative
57	ND	29,78	Negative
58	ND	27,74	Negative
59	ND	27,03	Negative
60	ND	26,63	Negative
61	ND	26,29	Negative
62	ND	23,24	Negative
63	ND	25,51	Negative
64	ND	27,07	Negative

* ND: Not detected