

Standards Analysis

FL-DNA Mix A										
			FAM					HEX		
N.	Name	Quantity	Cq	ΔR	R²	Efficiency	Result	Cq	ΔR	Result
1	C647_10	10,00	26,72	1757	0,995	113	OK	No Cq	11	OK
2	C647_2	2,00	28,49	2537	0,995	113	OK	No Cq	11	OK
3	C647_0.4	0,40	31,04	2140	0,995	113	OK	No Cq	10	OK
4	C647_0.08	0,08	32,97	1680	0,995	113	OK	No Cq	4	OK

FL-DNA Mix B										
			FAM					HEX		
N.	Name	Quantity	Cq	ΔR	R²	Efficiency	Result	Cq	ΔR	Result
1	C647_10	10,00	26,64	2290	0,994	85	OK	No Cq	5	OK
2	C647_2	2,00	28,96	2168	0,994	85	OK	No Cq	11	OK
3	C647_0.4	0,40	31,38	1955	0,994	85	OK	No Cq	21	OK
4	C647_0.08	0,08	34,54	1239	0,994	85	OK	No Cq	18	OK

Reaction Controls Analysis

			FAM				HEX			
N.	Name	Target	Cq	ΔR	FL-DNA [ng/ml]	Result	Cq	ΔR	Avg Cq	Result
1	Positivo	FL-DNA Mix A	26,97	2452	435,23	OK	22,30	1022	22,37	OK
		FL-DNA Mix B	27,44	2286			22,44	1003		
2	Negativo	FL-DNA Mix A	No Cq	6	0,00	OK	No Cq	7	0,00	OK
		FL-DNA Mix B	No Cq	13			No Cq	16		

Samples Analysis

			FAM				HEX			
N.	Name	Target	Cq	ΔR	FL-DNA [ng/ml]	Result	Cq	ΔR	ΔCq	Result
1	1043_ADK5Q	FL-DNA Mix A	28,15	2247	202,70	OK	22,14	1094	0,0	OK
		FL-DNA Mix A	28,03	2116			22,31	988		
		FL-DNA Mix B	28,35	2063			22,29	976		
		FL-DNA Mix B	28,71	1856			22,60	851		
2	1052_SC150Q *	FL-DNA Mix A	32,91	884	7,90	OK	22,47	830	0,7	OK
		FL-DNA Mix A	32,64	1403			22,49	1141		
		FL-DNA Mix B	33,16	1323			22,29	989		
		FL-DNA Mix B	33,62	1474			25,19	953		
3	1075_G51Q *	FL-DNA Mix A	37,56	353	0,05	OK	24,97	947	0,7	OK
		FL-DNA Mix A	No Cq	18			22,17	995		
		FL-DNA Mix B	No Cq	96			22,78	988		
		FL-DNA Mix B	No Cq	143			22,38	897		
4	1079_SC54Q *	FL-DNA Mix A	35,70	451			24,61	669	3,6	E06
		FL-DNA Mix A	34,28	754			26,51	808		
		FL-DNA Mix B	38,57	213			24,30	921		
		FL-DNA Mix B	34,68	654			28,58	703		
5	1084_SC82Q	FL-DNA Mix A	31,48	1758	20,25	OK	26,60	853	1,1	OK
		FL-DNA Mix A	31,15	1705			22,59	986		
		FL-DNA Mix B	31,90	1745			22,17	1055		
		FL-DNA Mix B	32,21	1402			22,52	844		
6	2569_G18	FL-DNA Mix A	36,30	414	3,25	OK	23,15	672	0,4	OK
		FL-DNA Mix A	34,10	958			22,49	1048		
		FL-DNA Mix B	34,66	679			22,30	986		
		FL-DNA Mix B	34,12	1042			23,25	989		

Figure 3:example of the software analysis output

Standard curve data for both Mix A and Mix B, results in terms of FL-DNA concentration for reaction controls (positive and negative) and clinical samples and run quality control results. Sample N°4 has got no result, because it didn't pass the QC, and must be repeated/re-analysed.

Figure 3:example of the software analysis output

Standard curve data for both Mix A and Mix B, results in terms of FL-DNA concentration for reaction controls (positive and negative) and clinical samples and run quality control results. Sample N°4 has got no result, because it didn't pass the QC, and must be repeated/re-analysed.