



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3014

Target pathogen: Hop Latent Viroid

06 January 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/01/2025
Date Received: 01/03/2025
Date Reported: 01/06/2025
Total samples: 75

NUMBER SAMPLES INFECTED: 0

Results interpretation:

C_T (cycle threshold) - number of PCR cycles to detect the target. Lower indicates more pathogen in sample.

Control - Amplification of cannabis control gene. Less than 35 cycles indicates an acceptable sample quality and robust PCR amplification. Above 35 cycles indicates poor sample quality.

FRESH: <24 - 27 C_T
EXCELLENT: 27 - 30 C_T
GREAT: 30 - 32 C_T
OKAY: 32 - 35 C_T
FAIL: >35 C_T

HLVd - Detection C_T and relative amount of HLVd in the sample:

HIGH: <15 - 20 C_T
MEDIUM: 21 - 28 C_T
LOW: 29 - <35 C_T
INCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	28.27	-	+
.Positive 2	-	-	29.24	+
Blue Dream 01	27.58	-	-	-
Blue Dream 02	29.17	-	-	-
Blue Dream 03	27.29	-	-	-
Blue Dream 04	28	-	-	-
Blue Dream 05	29.86	-	-	-
Blue Dream 06	27.37	-	-	-
Blue Dream 07	28.18	-	-	-
Blue Dream 08	28.83	-	-	-
Blue Dream 09	28.29	-	-	-
Blue Dream 10	27.89	-	-	-
Blue Dream 11	27.4	-	-	-
Blue Dream 12	26.45	-	-	-
Blue Dream 13	27.39	-	-	-
Blue Dream 14	28.23	-	-	-
Blue Dream 15	30.11	-	-	-
Blue Dream 16	26.97	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Blue Dream 17	29.16	-	-	-
Blue Dream 18	26.33	-	-	-
Blue Dream 19	27.16	-	-	-
Blue Dream 20	27.58	-	-	-
Hawaiian Rain 01	28.7	-	-	-
Hawaiian Rain 02	29.47	-	-	-
Hawaiian Rain 03	29.21	-	-	-
Hawaiian Rain 04	30.07	-	-	-
Hawaiian Rain 05	27.33	-	-	-
Headlights 01	27.38	-	-	-
Headlights 02	27.19	-	-	-
Headlights 04	28.2	-	-	-
Headlights 05	26.24	-	-	-
Lazer Wolf 01	28.77	-	-	-
Lazer Wolf 03	28.04	-	-	-
Lazer Wolf 04	28.13	-	-	-
Lazer Wolf 05	30.28	-	-	-
Purple Milk 01	28.92	-	-	-
Purple Milk 02	29.03	-	-	-
Purple Milk 03	27.89	-	-	-
Purple Milk 04	31.11	-	-	-
Purple Milk 05	31.27	-	-	-
Red Panda 01	27.5	-	-	-
Red Panda 02	26.77	-	-	-
Red Panda 03	27.89	-	-	-
Red Panda 04	27.34	-	-	-
Redeye 01	29.14	-	-	-
Redeye 02	28.9	-	-	-
Redeye 03	27.24	-	-	-
Redeye 04	28.3	-	-	-
RPM 01	28.16	-	-	-
RPM 02	31.13	-	-	-
RPM 03	28.7	-	-	-
RPM 04	26.46	-	-	-
RPM 05	28.21	-	-	-
Tokyo Fuzz 03	26.14	-	-	-
Tokyo Fuzz 04	26.71	-	-	-
Tokyo Fuzz 05	26.78	-	-	-
Trapzilla 02	26.36	-	-	-
Trapzilla 04	27.48	-	-	-
Trapzilla 07	27.48	-	-	-
Trapzilla 16	28.55	-	-	-
Trapzilla 17	27.48	-	-	-
Trapzilla 18	28.55	-	-	-
Trapzilla 19	26.15	-	-	-
Tribute 01	29.04	-	-	-
Tribute 02	28.16	-	-	-
Tribute 03	28.32	-	-	-
Tribute 04	28.2	-	-	-
Tribute 05	28.94	-	-	-
Watermelon Milkshake 01	28.46	-	-	-
Watermelon Milkshake 02	26.25	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Watermelon Milkshake 03	26.41	-	-	-
Watermelon Milkshake 04	26.62	-	-	-
Watermelon Milkshake 05	26.42	-	-	-
Wingsuit 01	28.86	-	-	-
Wingsuit 02	26.11	-	-	-
Wingsuit 03	27.11	-	-	-
Wingsuit 05	28.68	-	-	-

Amplification Plots:

RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2





















