



TaqMan RT-PCR Results

Client: Kaprikorn

Order: KAP092

Target pathogen: Hop Latent Viroid

03 April 2026

Hop Latent Viroid

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**Order details:**

**Client:** Kaprikorn  
**Target Pathogen:** Hop Latent Viroid  
**Date Sampled:** N/A  
**Date Received:** 04/02/2026  
**Date Reported:** 04/03/2026  
**Total samples:** 14

**NUMBER SAMPLES INFECTED:** 0

**Results interpretation:**

**C<sub>T</sub> (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<sub>T</sub>  
 EXCELLENT: 27 - 30 C<sub>T</sub>  
 GREAT: 30 - 32 C<sub>T</sub>  
 OKAY: 32 - 35 C<sub>T</sub>  
 FAIL: >35 C<sub>T</sub>

**HLVd** - Detection C<sub>T</sub> and relative amount of HLVd in the sample:

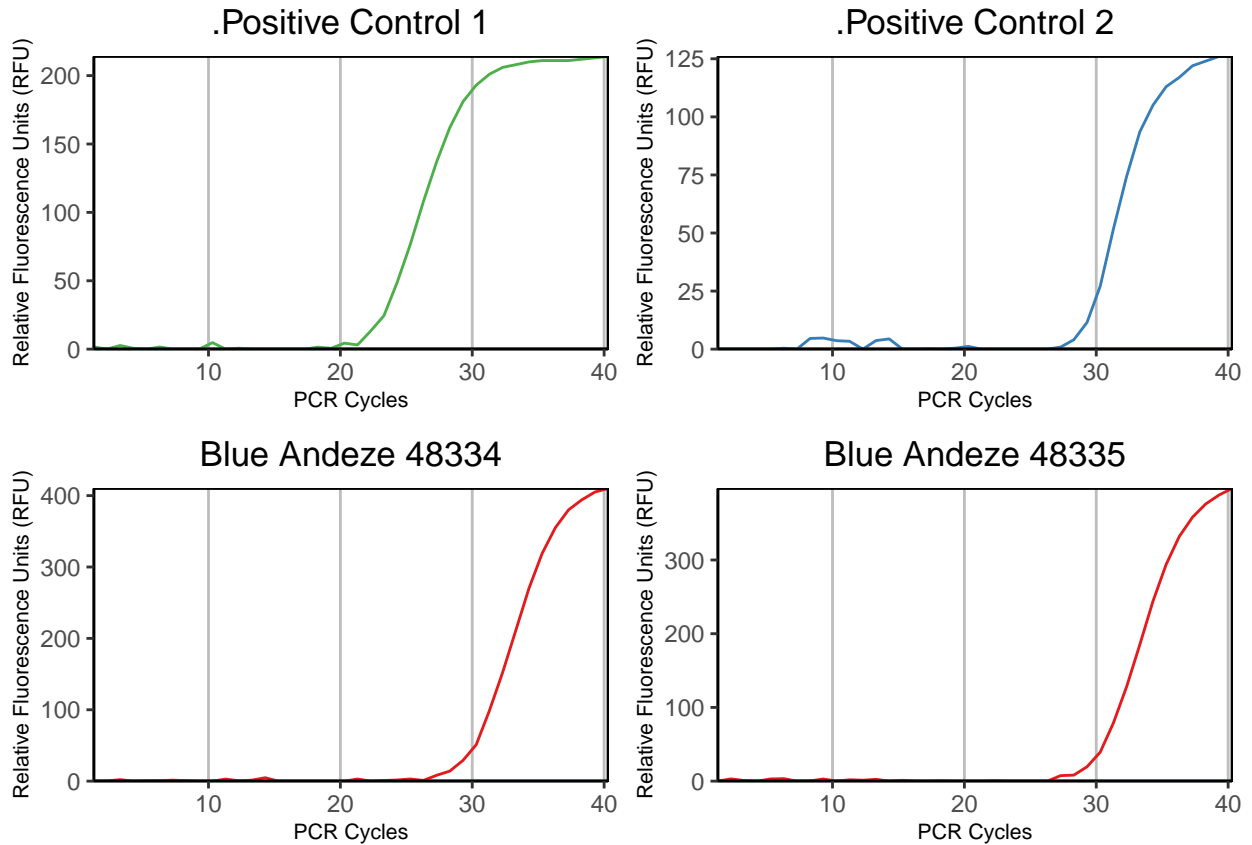
HIGH: <15 - 20 C<sub>T</sub>  
 MEDIUM: 21 - 28 C<sub>T</sub>  
 LOW: 29 - <35 C<sub>T</sub>  
 INCONCLUSIVE: >35 C<sub>T</sub>

Sample	Control	HLVd #1	HLVd #2	HLVd Status	Sample Tested
.Positive Control 1	-	21.72	-	+	Root
.Positive Control 2	-	-	28.36	+	Root
Blue Andeze 48334	28.08	-	-	-	Root
Blue Andeze 48335	28.64	-	-	-	Root
Blue Andeze 48336	28.52	-	-	-	Root
Blue Andeze 48337	28.57	-	-	-	Root
Bubblegum Sherb 48326	28.5	-	-	-	Root
Bubblegum Sherb 48327	30.47	-	-	-	Root
Bubblegum Sherb 48328	29.7	-	-	-	Root
Bubblegum Sherb 48329	29.23	-	-	-	Root
Cap Junky 48357	29.79	-	-	-	Root
Cap Junky 48358	27.45	-	-	-	Root
Cap Junky 48359	29.04	-	-	-	Root
Cap Junky 48360	28.5	-	-	-	Root
Cap Junky 48361	30.19	-	-	-	Root
Cap Junky 48362	30.31	-	-	-	Root

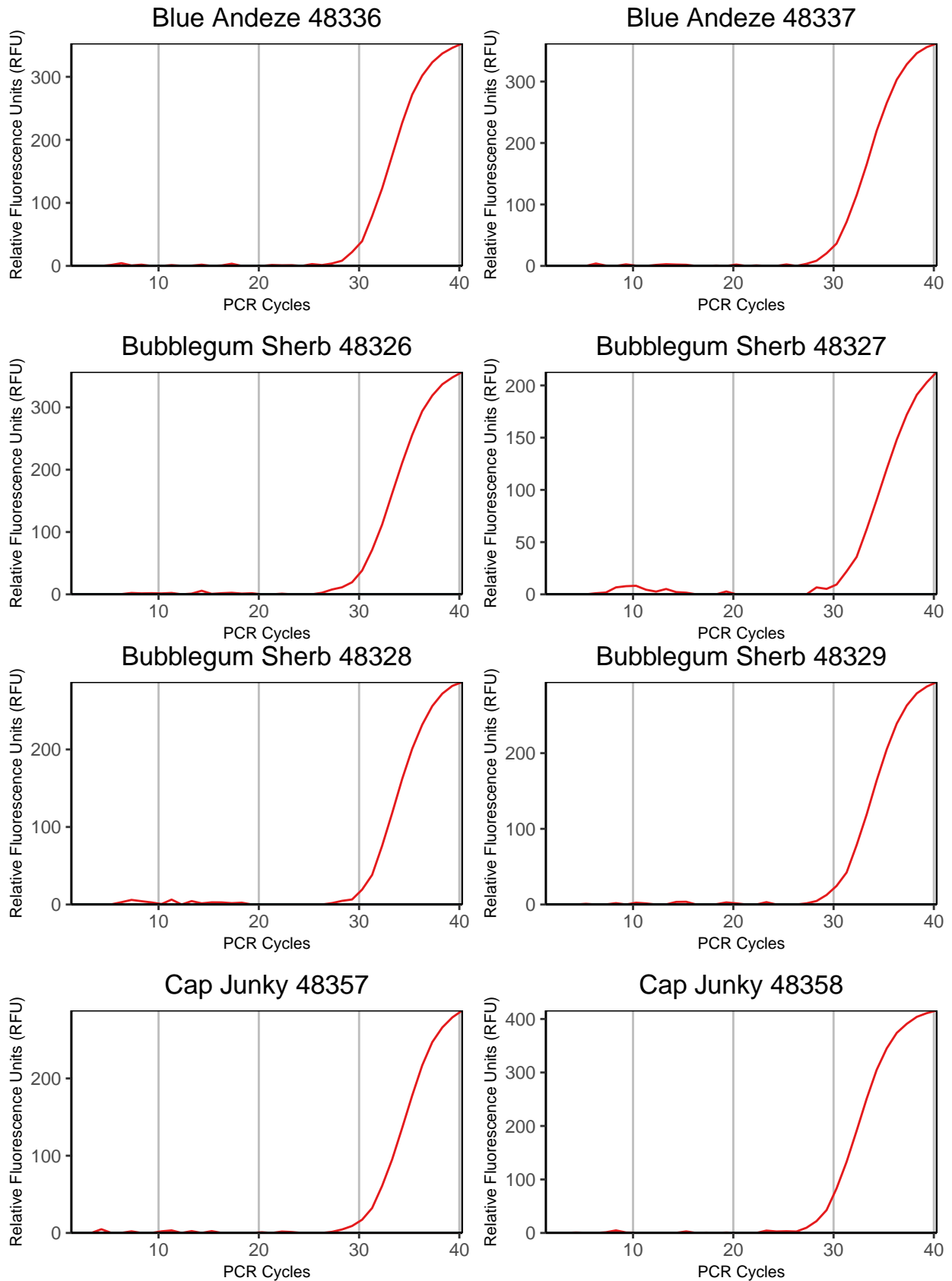
## Hop Latent Viroid

**Amplification Plots:**

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



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