



## National Agricultural Genotyping Center

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Laboratory Case #: 22-0212

Item	ABPV	AFB	BQCV	CBPV	DWV-A	EFB	IABPV	KBV	LSV1	LSV2	N. apis	N. ceranae	SBPV	SBV	VDV1 (DWV-B)
1	-	-	5 Thousand	-	-	-	-	-	56 Million	-	-	14 Million	-	5 Million	4 Million
2	-	-	216 Thousand	-	-	-	-	-	-	-	-	31 Million	-	845 Thousand	-
3	-	-	QNS	-	-	-	-	-	-	-	-	141 Million	-	53 Thousand	94 Million
4	-	-	QNS	-	-	-	-	-	1 Million	-	-	-	-	21 Thousand	41 Million
5	-	-	27 Thousand	-	-	-	-	-	-	-	-	25 Million	-	706 Thousand	175 Million
6	-	-	QNS	-	-	-	-	-	-	-	-	-	-	190 Thousand	245 Million
7	-	-	258 Thousand	-	-	-	-	-	-	-	-	18 Million	-	997 Thousand	18 Million
8	-	-	37 Thousand	-	-	-	-	-	-	-	-	10 Million	-	141 Thousand	5 Million
9	-	-	90 Thousand	-	-	-	-	-	-	-	-	19 Million	-	1 Million	13 Million
10	-	-	29 Thousand	-	-	-	-	-	-	-	-	56 Million	-	154 Thousand	2 Billion
11	-	-	20 Thousand	-	-	-	-	-	505 Thousand	-	-	26 Million	-	399 Thousand	4 Million
12	-	-	-	-	-	-	-	-	-	-	-	12 Million	-	QNS	11 Million
13	-	-	QNS	-	-	-	-	-	QNS	-	-	24 Million	-	48 Thousand	68 Million
14	-	-	QNS	-	-	-	-	-	-	-	-	49 Million	-	11 Thousand	26 Million
15	-	-	21 Thousand	-	-	-	-	-	-	-	-	QNS	-	537 Thousand	13 Billion
16	-	-	17 Thousand	-	-	-	-	-	-	-	-	588 Million	-	984 Thousand	1 Billion

† ABPV = Acute Bee Paralysis Virus; AFB = American Foulbrood; BQCV = Black Queen Cell Virus; CBPV = Chronic Bee Paralysis Virus; DWV-A = Deformed Wing Virus; EFB = European Foulbrood; IABPV = Israeli Acute Bee Paralysis Virus; KBV = Kashmir Bee Virus; LSV1 = Lake Sinai Virus 1; LSV2 = Lake Sinai Virus 2; N. apis = Nosema apis; N. ceranae = Nosema ceranae; SBPV = Slow Bee Paralysis Virus; SBV = Sacbrood Virus; and VDV1 = Varroa Destructor Virus-1 or Deformed Wing Virus B.

‡ The reported pathogen quantity for a sample is an estimate of the true quantity. It should be noted that qPCR will amplify both actively growing organisms, spores and also organisms that have died or are dormant but their genetic material is still present in the sample and therefore pathogen load estimations are often slightly higher than expected for a true infection.

- denotes a "not detected" result for the pathogen tested.

QNS stands for Quantity Not Sufficient. This notation indicates the pathogen was detected, but at levels too low to accurately quantitate.

NT specifies the pathogen was not tested, per request.