



National Agricultural Genotyping Center

1605 Albrecht Blvd N Fargo, ND 58102

TEL: (701) 239-1451

Honey Bee Pathogen Panel

The honey bee pathogen panel includes nucleic acid extraction, screening of viruses and bacteria, and report writing.

Service	Description	Fee
Full Screen	The full screen includes the following viruses and bacteria: Acute Bee Paralysis Virus (ABPV), Kashmir Bee Virus (KBV), Black Queen Cell Virus (BQCV), Lake Sinai Viruses 1 and 2 (LSV-1 and LSV-2), Slow Bee Paralysis Virus (SBPV), Chronic Bee Paralysis Virus (CBPV), Israeli Acute Bee Paralysis Virus (IABPV), Deformed Wing Virus (DWV), American Foulbrood (AFB), and European Foulbrood (EFB).	\$75/sample
Multiplex Group 1	The Multiplex Group 1 screening includes the following viruses: Acute Bee Paralysis Virus (ABPV), Kashmir Bee Virus (KBV), Black Queen Cell Virus (BQCV), and Lake Sinai Viruses 1 and 2 (LSV-1 and LSV-2)	\$50/sample
Multiplex Group 2	The Multiplex Group 2 screening includes the following viruses: Slow Bee Paralysis Virus (SBPV), Chronic Bee Paralysis Virus (CBPV), Israeli Acute Bee Paralysis Virus (IABPV), and Deformed Wing Virus (DWV)	\$50/sample
Multiplex Group 3	The Multiplex Group 3 screens for American Foulbrood (AFB) and European Foulbrood (EFB)	\$40/sample
Any single pathogen test	See Full Screen description for complete pathogen list	\$20/sample
<i>BULK PRICING (full screen)</i>	Discounted pricing for a single submission of 30 samples or more	\$50/sample

Rush testing is available for a surcharge. Please contact Megan O'Neil at 701-239-1449 for expedited requests.

Please visit www.genotypingcenter.com for more details on each testing service.

The National Agricultural Genotyping Center strives to adhere to a 30 day or less turnaround time defined as the time of sample receipt to the release of a report.



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Plant Testing

The plant testing includes nucleic acid extraction, screening for specific molecular markers, analysis of screen and a written report for any single or combination of assays below.

Service	Fee
<u>Green Plant Tissue & Seed Testing</u>	
1 – 10 sample submission.....	\$90/sample
11 + sample submission.....	\$30/sample
<u>Soil & Residue Testing</u>	
1 – 10 sample submission.....	\$120/sample
11 + sample submission.....	\$40/sample
Aphid Resistance in Soybeans (Qualitative for <i>Rag1</i> , <i>Rag2</i> , and <i>Rag3</i>)	Seed, Tissue
Goss's Wilt (Qualitative or Quantitative)	Seed, Tissue, Soil
Gray Leaf Spot: Xvv Multiplex (Qualitative)	Seed, Tissue, Soil
Gray Leaf Spot (Quantitative)	Seed, Tissue, Soil
Northern Corn Leaf Blight (Quantitative)	Seed, Tissue, Soil
<i>Phytophthora sojae</i> (Qualitative)	Soil
<i>Xanthomonas vasicola</i> pv. <i>vasulorum</i> (Xvv) (Quantitative)	Seed, Tissue, Soil

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