

Virus Bulletin

Covering the global threat landscape

VB100 TEST REPORT



Varist

Malware Detection Engine



September 19, 2025



Test result
Test passed



Detection grade
Grade A



Certification
97.85% malware detected



Clean
0.001% false alarms

Quick Summary

Product version

v2.2.2

Test date:

September 2, 2025

Test methodology

VB100 1.7 [Link](#)

Test platform

Microsoft Windows 11 Pro, 64-bit, 10.0.26100

Executive summary

We tested **Malware Detection Engine** (version v2.2.2) on September 2, 2025, on Microsoft Windows 11 Pro, 64-bit, 10.0.26100, as per the 1.7 version of the VB100 methodology.

The tested product has successfully met the VB100 test criteria, with a malware detection grade of A.

Test criteria:

- The product must detect at least 75.00% of all test cases in the Certification set (malicious samples).
- The product must not generate more than 0.05% false alarms in the Clean set (legitimate program samples).

Where to find more details

For detailed test results, please consult the rest of the report. You may also find the links below useful for up-to-date information on how to interpret the report data.

- **Report reader's guide** [Link](#)
Everything you find in this report, explained.
- **Testing methodology, version 1.7** [Link](#)
Learn exactly how we test.
- **VB100 on the web** [Link](#)
VB100 news and certified products.





AMTSO Standard Compliance

Virus Bulletin executed this test in accordance with the AMTSO Standard of the Anti-Malware Testing Standards Organization. The compliance status can be verified on the [AMTSO website](#).

Test sets and product response

The VB100 test uses multiple sets of malicious and clean test cases to verify the ability of the tested product to detect malware, and to do so without generating false alarms for legitimate programs.

AT A GLANCE

CERTIFICATION	CLEAN
Description	Description
Common and prevalent Windows malware recently observed in the the wild.	A random selection of some widely and less widely used legitimate program files.
Type	Type
	
Outcome	Outcome
Pass 	Pass 
Detection rate	False alarm rate
97.85%	0.001%
Best possible outcome: 100.00% Requirement: >= 75.00%	Best possible outcome: 0.00% Requirement: <= 0.05%

DETAILED TEST RESULTS

Total cases tested	Total cases tested
2,002	100,000
Cases detected	Cases with false alarm
1,959	1
Cases missed	Cases without false alarm
43	99,999

TEST SET COMPOSITION

Windows PE executables	Windows PE executables
2,002	29,683
Other file types	Other file types
0	70,317

Report notes

Report notes contain complementary information that may be of interest to the report reader. Likewise, any extraordinary circumstance—particularly, those that may affect the test results—are recorded in these notes.

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Unlike a standalone endpoint security solution, this product is a malware detection engine designed to be integrated with other technologies in real-world usage scenarios. This test simulated such integration by interacting with the engine's Scanserver component using a custom client developed by Virus Bulletin. The custom client submitted both malicious and clean files to the engine for scanning and performed remediation based on the engine's verdicts.

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