

Independent Tests of Anti-Virus Software



Anti-Phishing Protection in AVs and Browsers

TEST PERIOD: JANUARY 2022
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COMMISSIONED BY: AVAST

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Introduction

This test evaluates the phishing-page detection rates and false positive rates at time of testing (January 2022) of various AV products, and different browsers, as listed below. This comparative test was commissioned by Avast.

Tested products

The test took place from 13th January till 28th January 2022. The following up-to-date products were tested in parallel, and with active Internet/cloud-access, on Windows 10. Phishing protection provided by AV products were tested using Google Chrome 97.0 (with Google SafeBrowsing disabled). The browser extensions of the AV products were installed and enabled. The different browsers were tested without an AV program running. Avast selected the products to be tested. We purchased these in January 2022.

Antivirus (AV) Products:

- Avast Free Antivirus 21.11
- Avast One Essential 21.11
- Avira Free Antivirus 15.0
- Bitdefender Internet Security 26.0
- ESET Internet Security 15.0
- Kaspersky Internet Security 21.3
- Malwarebytes Premium 4.5
- McAfee Total Protection 16.0
- Microsoft Defender 4.18 with Defender browser plugin for Chrome
- NortonLifeLock Norton 360 22.21

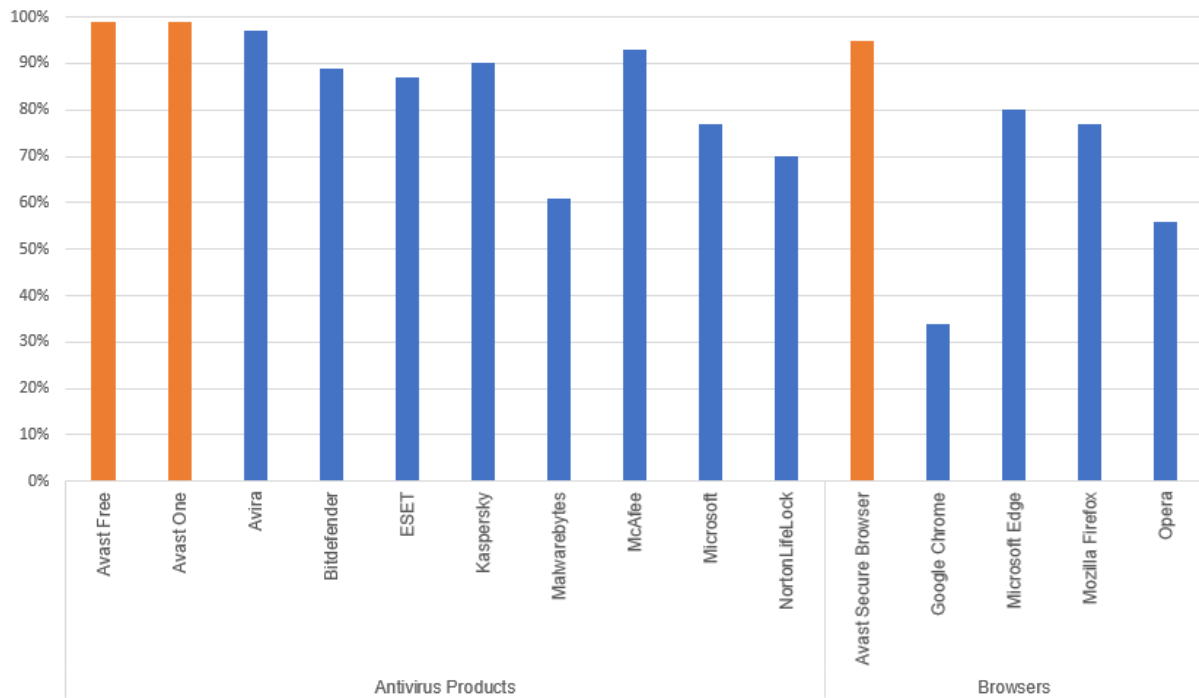
Browsers:

- Avast Secure Browser 97.0
- Google Chrome 97.0 with SafeBrowsing
- Microsoft Edge 97.0
- Mozilla Firefox 96.0
- Opera 82.0

Anti-Phishing Test-Set

For this first test, we used **250** valid phishing URLs. The number of used clean URLs for false alarm detection was 250.

Test Results



	Product	Block Rate	False Alarms
AVs	Avast Free Antivirus	99%	0
	Avast One Essential	99%	0
	Avira Free Antivirus	97%	0
	Bitdefender Internet Security	89%	0
	ESET Internet Security	87%	0
	Kaspersky Internet Security	90%	0
	Malwarebytes Premium	61%	0
	McAfee Total Protection	93%	0
	Microsoft Defender with Chrome Plugin	77%	0
	NortonLifeLock Norton 360	70%	0
Browsers	Avast Secure Browser	95%	0
	Google Chrome	34%	0
	Microsoft Edge	80%	0
	Mozilla Firefox	77%	0
	Opera	56%	0

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