

Independent Tests of Anti-Virus Software



Anti-Phishing Protection in AVs and Browsers

TEST PERIOD: APRIL 2024
LAST REVISION: 18TH APRIL 2024

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Introduction

This test evaluates the phishing-page detection rates and false positive rates at time of testing (April 2024) of various AV products, and different browsers, as listed below. AV-Comparatives selected the products to be tested. We purchased these in January 2024. This comparative test was commissioned by Gen Digital. The testing dates were chosen by the testing lab and not pre-disclosed.

Tested products

The test took place from 2nd April till 15th April 2024. 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 (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.

Antivirus (AV) Products:

- Avast Free Antivirus 24.3
- Bitdefender Total Security 27.0
- ESET HOME Security Essential 17.0 – 17.1
- F-Secure Internet Security 19.3
- G Data Total Security 25.5
- Kaspersky Standard 21.16
- Malwarebytes Premium 4.6 – 5.1
- McAfee Total Protection 16.0
- Microsoft Defender 4.18 with Defender browser plugin for Chrome
- Trend Micro Internet Security 17.8

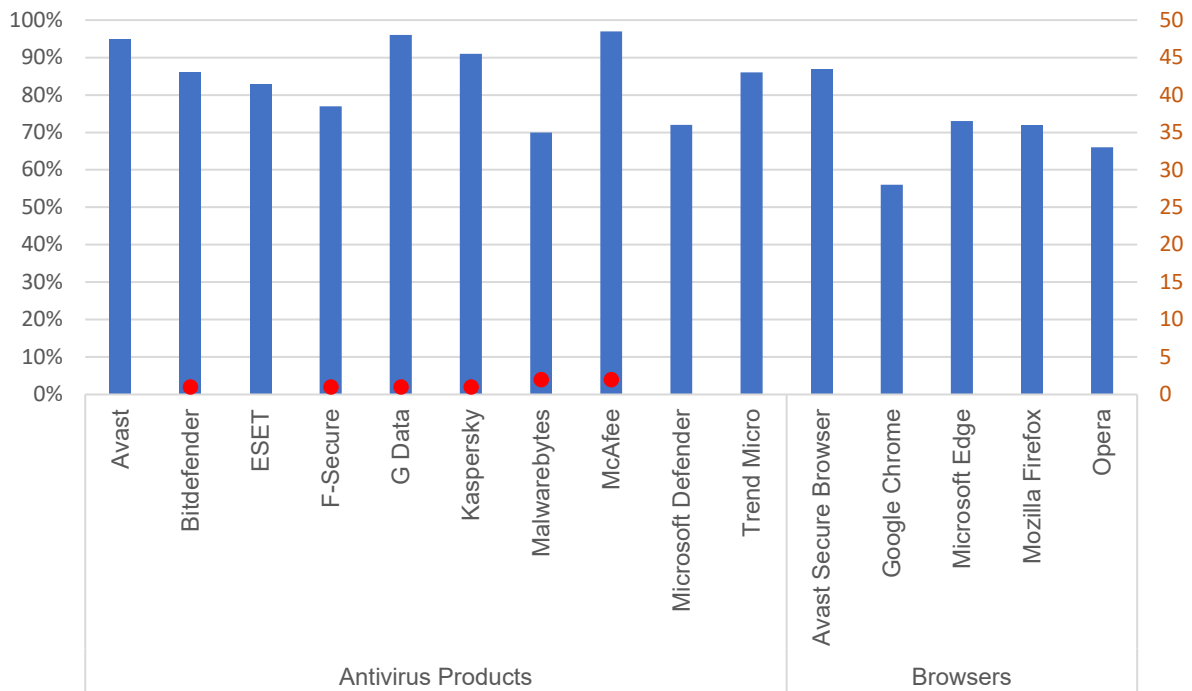
Browsers:

- Avast Secure Browser 122.0 - 123.0
- Google Chrome 123.0 with SafeBrowsing
- Microsoft Edge 123.0
- Mozilla Firefox 124.0
- Opera 108.0 - 109.0

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	95%	0
	Bitdefender Total Security	86%	1
	ESET HOME Security Essential	83%	0
	F-Secure Internet Security	77%	1
	G Data Total Security	96%	1
	Kaspersky Standard	91%	1
	Malwarebytes Premium	70%	2
	McAfee Total Protection	97%	2
	Microsoft Defender with Chrome Plugin	72%	0
	Trend Micro Internet Security	86%	0
Browsers	Avast Secure Browser	87%	0
	Google Chrome	56%	0
	Microsoft Edge	73%	0
	Mozilla Firefox	72%	0
	Opera	66%	0

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