

# Certificate of Analysis



## AgPath-ID One-Step RT-PCR Kit

Product No. 4387424  
Lot No. 2510168  
Date of Manufacture 05NOV2025  
Expiration Date 30OCT2026

TEST	SPECIFICATION	RESULT
<b>Nuclease Tests - Enzyme</b>		
RNase activity		Pass
Exonuclease activity		Pass
Nonspecific endonuclease activity		Pass
<b>Functional Tests - Enzyme</b>		
0 copies/reaction AIV input		Pass
40 copies/reaction AIV input	30.0 - 34.0 CT	Pass
80 copies/reaction AIV input	29.0 - 33.0 CT	Pass
160 copies/reaction AIV input	28.0 - 32.0 CT	Pass
320 copies/reaction AIV input	27.0 - 31.0 CT	Pass
1280 copies/reaction AIV input	25.5 - 29.5 CT	Pass
10240 copies/reaction AIV input	22.5 - 26.5 CT	Pass

***For Research Use Only.  
Not for use in diagnostic procedures.***

***Manufactured in compliance with our ISO 9001 and ISO 13485 certified quality management system. Site: Austin, TX, USA.***

Corporate Legal Entity  
Life Technologies  
5781 Van Allen Way  
Carlsbad, CA, USA 92008  
[www.thermofisher.com](http://www.thermofisher.com)  
For inquiries, contact us at  
[cofarequests@thermofisher.com](mailto:cofarequests@thermofisher.com)

**Quality Assurance  
Issued 05NOV2025**

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TEST	SPECIFICATION	RESULT
Xeno RNA	29.0 - 33.0 CT	Pass

### Nuclease Tests - Buffer

RNase activity	Pass
Exonuclease activity	Pass
Nonspecific endonuclease activity	Pass

### Functional Tests - Buffer

0 copies/reaction AIV input		Pass
40 copies/reaction AIV input	30.0 - 34.0 CT	Pass
80 copies/reaction AIV input	29.0 - 33.0 CT	Pass
160 copies/reaction AIV input	28.0 - 32.0 CT	Pass
320 copies/reaction AIV input	27.0 - 31.0 CT	Pass
1280 copies/reaction AIV input	25.5 - 29.5 CT	Pass

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TEST	SPECIFICATION	RESULT
10240 copies/reaction AIV input	22.5 - 26.5 CT	Pass
Xeno RNA	29.0 - 33.0 CT	Pass

### Nuclease Tests - Water

RNase activity	Pass
Exonuclease activity	Pass
Nonspecific endonuclease activity	Pass

### Functional Tests - Water

0 copies/reaction AIV input		Pass
40 copies/reaction AIV input	30 - 34 CT	Pass
80 copies/reaction AIV input	29 - 33 CT	Pass
160 copies/reaction AIV input	28 - 32 CT	Pass
320 copies/reaction AIV input	27 - 31 CT	Pass

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TEST	SPECIFICATION	RESULT
1280 copies/reaction AIV input	25.5 - 29.5 CT	Pass
10240 copies/reaction AIV input	22.5 - 26.5 CT	Pass
Xeno RNA	29 - 33 CT	Pass

### Functional Tests - Enhanced Testing

500 copies/reaction of BVD RNA	31.2 - 34.2 CT	Pass
50 copies/reaction of BVD RNA	34.5 - 37.5 CT	Pass
No template control (NTC)	> = 40.0 CT	Pass

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