

AGPATH-ID(TM) ONE-STEP RT-PCR

Product No. **AM1005**
 Lot No. **2409241**
 Date of Manufacture **25SEP2024**
 Expiration Date **20SEP2025**

TEST	SPECIFICATION	RESULT
Nuclease Tests - Enzyme		
RNase activity		Pass
Exonuclease activity		Pass
Nonspecific endonuclease activity		Pass
Functional Tests - Enzyme		
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
 For inquiries, contact us at
cofarequests@thermofisher.com

**Quality Assurance
 Issued 14NOV2024**

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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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