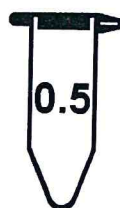


Test Report

– Eppendorf PCR clean –

Protein LoBind Tube 0.5 mL



EPPENDORF TUBES®
100 Safe-Lock Tubes
PCR clean
centrifugation up to 18 000 x g

LOT L201735H

2027-02-28

Order no.: 0030 108.094
Eppendorf AG
22331 Hamburg · Germany
Email: eppendorf@eppendorf.com

Cat. no.: 022431064
Distributed in North America by
Eppendorf North America, Inc. · USA
Email: info@eppendorf.com

• Human DNA

Method: *real-time* PCR acc. to SOP 99880/V2
Limit: < 2 pg; less than one human cell

• DNase

Method: DNA Digestion acc. to SOP 100570/V1
Limit: Not detectable (LOD: 1.0×10^{-6} Kunitz units)

• PCR inhibition

Method: *real-time* PCR acc. to SOP 100559/V1
Limit: Less than 10 targets amplifiable

• RNase

Method: RNA Digestion acc. to SOP 100571/V1
Limit: Not detectable (LOD: 1.0×10^{-9} Kunitz units)

Customer: Eppendorf AG, Barkhausenweg 1, D-22339 Hamburg

Date of sample receipt / examination: 24.03.22

Testing of the above described lot showed conformity within the limits of detection.

25.07.22
Date of release

Epp 2203-663
Registration number

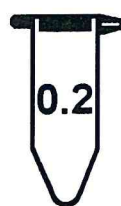
i.V. P. Weigel
Dipl.-Biol. Thomas Weigel (Head)

The test results refer exclusively to the items tested as arrived. The test report must not be copied partially without the approval of LADR GmbH.

Test Report

– Eppendorf PCR clean –

PCR Tube 0.2 mL



1000 Tubes 0.2 mL, thin walled
PCR clean
US-PAT.NO. 5,863,791

LOT K198325M

2026-07-28

Order no.: 0030 124.332
Eppendorf AG
22331 Hamburg · Germany
Email: eppendorf@eppendorf.com

Cat. no.: 951010006
Distributed in North America by
Eppendorf North America, Inc. · USA
Email: info@eppendorf.com

• Human DNA

Method: real-time PCR acc. to SOP 99880/V2
Limit: < 2 pg; less than one human cell

• DNase

Method: DNA Digestion acc. to SOP 100570/V1
Limit: Not detectable (LOD: 1.0×10^{-6} Kunitz units)

• PCR Inhibition

Method: real-time PCR acc. to SOP 100559/V1
Limit: Less than 10 targets amplifiable

• RNase

Method: RNA Digestion acc. to SOP 100571/V1
Limit: Not detectable (LOD: 1.0×10^{-9} Kunitz units)

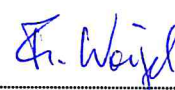
Customer: Eppendorf AG, Barkhausenweg 1, D-22339 Hamburg

Date of sample receipt / examination: 23. 09. 21

Testing of the above described lot showed conformity within the limits of detection.

28.09.21
Date of release

Exp 21 09 9508
Registration number

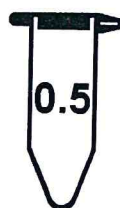

Dipl.-Biol. Thomas Weigel (Head)

The test results refer exclusively to the items tested as arrived. The test report must not be copied partially without the approval of LADR GmbH.

Test Report

– Eppendorf PCR clean –

Protein LoBind Tube 0.5 mL



EPPENDORF TUBES®
100 Safe-Lock Tubes
PCR clean
centrifugation up to 18 000 x g

LOT L201735H

2027-02-28

Order no.: 0030 108.094
Eppendorf AG
22331 Hamburg · Germany
Email: eppendorf@eppendorf.com

Cat. no.: 022431064
Distributed in North America by
Eppendorf North America, Inc. · USA
Email: info@eppendorf.com

• Human DNA

Method: *real-time* PCR acc. to SOP 99880/V2
Limit: < 2 pg; less than one human cell

• DNase

Method: DNA Digestion acc. to SOP 100570/V1
Limit: Not detectable (LOD: 1.0×10^{-6} Kunitz units)

• PCR inhibition

Method: *real-time* PCR acc. to SOP 100559/V1
Limit: Less than 10 targets amplifiable

• RNase

Method: RNA Digestion acc. to SOP 100571/V1
Limit: Not detectable (LOD: 1.0×10^{-9} Kunitz units)

Customer: Eppendorf AG, Barkhausenweg 1, D-22339 Hamburg

Date of sample receipt / examination: 24.03.22

Testing of the above described lot showed conformity within the limits of detection.

25.07.22
Date of release

Epp 2203-663
Registration number

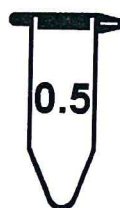
i.V. P. Weigel
Dipl.-Biol. Thomas Weigel (Head)

The test results refer exclusively to the items tested as arrived. The test report must not be copied partially without the approval of LADR GmbH.

Test Report

– Eppendorf PCR clean –

Protein LoBind Tube 0.5 mL



EPPENDORF TUBES®
100 Safe-Lock Tubes
PCR clean
centrifugation up to 18 000 x g

LOT L201735H

2027-02-28

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22331 Hamburg · Germany
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Cat. no.: 022431064
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Eppendorf North America, Inc. · USA
Email: info@eppendorf.com

• Human DNA

Method: *real-time* PCR acc. to SOP 99880/V2
Limit: < 2 pg; less than one human cell

• DNase

Method: DNA Digestion acc. to SOP 100570/V1
Limit: Not detectable (LOD: 1.0×10^{-6} Kunitz units)

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Method: *real-time* PCR acc. to SOP 100559/V1
Limit: Less than 10 targets amplifiable

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Limit: Not detectable (LOD: 1.0×10^{-9} Kunitz units)

Customer: Eppendorf AG, Barkhausenweg 1, D-22339 Hamburg

Date of sample receipt / examination: 24.03.22

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25.07.22
Date of release

Epp 2203-663
Registration number

i.V. P. Weigel
Dipl.-Biol. Thomas Weigel (Head)

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Eppendorf Certificate

Certificate of Quality

epT.I.P.S.®, Combitips® advanced, ViscoTip®, Eppendorf Tubes®*,*1, Eppendorf Plates®*,*1, UVette®

STATEMENT ON NITROSAMINE

Certain N-nitrosamines, including N-nitrosodimethylamine (NDMA) and N-nitrosodiethylamine (NDEA), are substances of toxicological concern and have been detected as impurities in some human medicinal products. In this context, the EMA published Assessment Report EMA/369136/2020 under Article 5(3) of Regulation (EC) No 726/2004 regarding the detection, management and prevention of N-nitrosamines in medicinal products for human use.

The principles described in EMA/369136/2020 serve as a scientific and regulatory reference for the risk-based assessment of potential nitrosamine-related risk factors.

Based on supplier information, available process knowledge and current understanding, Eppendorf provides the following risk-based statement for the listed laboratory consumables:

No risk factors for the formation of nitrosamines were identified during the manufacturing process:

- Eppendorf Consumables are made of virgin polypropylene, polyethylene, polycarbonate of highest purity and quality. Material suppliers do not use or intentionally incorporate Nitrosamine as specified in the absence of substances list.
- No reagents, solvents, or catalysts that could be a possible source of nitrosamines are used in the manufacturing process of Eppendorf Consumables.
- No packaging material/printing ink that could be a possible source of nitrosamines are used in the manufacturing process of Eppendorf Consumables.

No risk of contamination with nitrosamines was identified during the cleaning of parts that come into contact with the product:

- No cleaning agents based on quaternary ammonium salts are used for cleaning process equipment.

Hamburg, July 2026

* applies also to the SafeCode variants

*1 applies also to the BioBased variants


Marlene Jentzsch (Jul 29, 2026 15:00:45 GMT+2)

Dr. Marlene Jentzsch
Senior Vice President Core Business Portfolio



Katy Fischer
Director Quality Management Liquid Handling

Your local distributor: www.eppendorf.com/contact
Eppendorf SE · Barkhausenweg 1 · 22339 Hamburg · Germany
E-mail: eppendorf@eppendorf.com

ISO 9001
Certified

ISO 13485
Certified

ISO 14001
Certified

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www.eppendorf.com

0015 033.526-05

Eppendorf Certificate

Certificate of Purity – Eppendorf Forensic DNA Grade according to ISO 18385

This package contains a high-quality consumable manufactured under the “Forensic DNA Grade according to ISO 18385” Eppendorf Purity Standard.

The ISO 18385 Forensic DNA Grade consumables are produced in a controlled clean room environment according to class 8 of ISO 14644-1. For this product Eppendorf certifies the following:

Free of detectable

- > Human DNA
- > DNase
- > RNase
- > PCR inhibitors



These parameters are continuously monitored by an independent certified laboratory. Eppendorf guarantees the conformity within the following limits:

Human DNA	< 0.5 pg/μL
DNase	< 1.0 × 10 ⁻⁷ Kunitz units
RNase	< 1.0 × 10 ⁻⁹ Kunitz units
PCR inhibitors	fewer than 10 targets amplifiable

Quality control and subsequent certification are performed by an independent laboratory accredited according to ISO 17025. Lot-specific certificates are available on request or on the Internet at <https://www.eppendorf.com/lot-certificates/>.

The product manual is available at: www.eppendorf.com/manuals

To support forensic laboratories in solving potential DNA contamination, a request form for checking the Eppendorf DNA Exclusion Database is available at:

<https://www.eppendorf.com/discover/staff-exclusion-request-form/>

A procedure is in place to notify customers who purchased and registered products from a released production lot which has subsequently been found to have failed relevant product or quality specifications:

<https://www.eppendorf.com/discover/registration-of-forensic-dna-grade/>

The certification comprises the following tests:

Eppendorf Certificate

Human DNA Contamination Test

A probe-based real-time PCR master mix is prepared for the detection of human DNA. The primers amplify a 62 bp fragment present in more than 1×10^5 copies per human cell. The detection of this fragment is performed with a fluorescently labeled DNA probe. Additionally, primers and DNA probes for detecting an internal positive control (IPC) are also added to the master mix. This master mix is used for running positive control, negative control, and test samples.

- Positive control: 10 μ L human DNA (0.5 pg/ μ L) and IPC DNA are added to 15 μ L master mix.
- Negative control: 10 μ L human DNA-free H₂O and IPC DNA are added to 15 μ L master mix.
- Test sample: 15 consumable samples are rinsed one after another with DNA-free water.

As an extraction control, IPC DNA is added to the rinse water prior to DNA extraction.

Subsequently, an extraction procedure using the standard protocol of a DNA extraction kit is applied on the rinse water resulting in an eluate of 100 μ L. 10 μ L of this solution are added to 15 μ L master mix.

The emittance of a fluorescence signal is detected in samples and controls. For the samples to pass certification, no fluorescence signal of the human DNA probe must be found corresponding to the negative control.

DNase Test

15 samples are rinsed one after another with DNA-free water. 17 μ L of this solution are mixed with 3 μ L DNase buffer containing 100 bp DNA ladder in a DNase-free tube. A positive control is spiked with DNase, A negative control contains DNA-free water. All tubes are incubated for 24 h at 37 °C. The DNA is analyzed by fluorescence measurement. DNase contamination is indicated by degradation of the DNA ladder. For samples to pass certification, the relative intensities of the DNA pattern of the samples must correspond to the negative control.

RNase Test

15 samples are rinsed one after another with RNA-free water. 17 μ L of this solution are mixed with 3 μ L RNase buffer containing 100 bp RNA ladder in a RNase-free tube. A positive control is spiked with RNase, a negative control contains RNA-free water. All tubes are incubated for 24 h at 37 °C. The RNA is analyzed by agarose gel electrophoresis. RNase contamination is indicated by the degradation of the RNA ladder. For samples to pass certification, the relative intensities of the RNA pattern of the samples must correspond to the negative control.

Eppendorf Certificate

PCR Inhibitor Test

A PCR master mix is prepared using a commercially available real-time PCR kit, primers for amplifying human DNA, fluorescently labeled DNA probes for detecting the human DNA target, and human DNA (0.64 pg/ μ L final concentration in master mix). The primers amplify a 62 bp fragment present in more than 1×10^5 copies per human cell. This master mix is used for running control and test samples.

- Control sample: 10 μ L human DNA-free H₂O are added to 15 μ L master mix.
- Test sample: 15 consumable samples are rinsed one after another with human DNA-free water. 10 μ L of this solution are added to 15 μ L master mix.

The fluorescence signals and Ct values are detected in test and control samples. For the test samples to pass certification, the difference of the Ct values between test and control samples must be within the range of ± 2 cycles.

Hamburg, July 2026


 Marlene Jentzsch (Jul 29, 2026 14:57:47 GMT+2)

Dr. Marlene Jentzsch
Senior Vice President Core Business Portfolio



Katy Fischer
Director Quality Management Liquid Handling

Your local distributor: www.eppendorf.com/contact
Eppendorf SE · Barkhausenweg 1 · 22339 Hamburg · Germany
E-mail: eppendorf@eppendorf.com

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ISO 9001
Certified

ISO 13485
Certified

ISO 14001
Certified

Eppendorf Certificate

Certificate of Purity - sterile

This package contains a high-quality consumable manufactured under the sterile Eppendorf Purity Standard.

The Eppendorf sterile consumables are produced in a controlled clean room environment according to class 8 of ISO 14644-1.

For this product Eppendorf certifies the following:

- > sterile
- > pyrogen-free



Quality control and subsequent certification is done by an independent laboratory accredited to ISO 17025. Eppendorf guarantees the conformity within the following limits:

Sterility	in accordance with USP, Ph. Eur. 2.6.12
Pyrogens (Endotoxins)	< 0.001 EU/mL (tested according to Ph. Eur. 2.6.14 (LAL test))

Lot-specific certificates are available on request or on the internet at www.eppendorf.com/lot-certificates.

Hamburg, July 2026


Marlene Jentzsch (Jul 29, 2026 14:53:00 GMT+2)

Dr. Marlene Jentzsch
Senior Vice President Core Business Portfolio



Katy Fischer
Director Quality Management Liquid Handling

Your local distributor: www.eppendorf.com/contact
Eppendorf SE · Barkhausenweg 1 · 22339 Hamburg · Germany
E-mail: eppendorf@eppendorf.com

ISO 9001
Certified

ISO 13485
Certified

ISO 14001
Certified

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