

CE-IVD

## TaqPath Menu I GeneProof STI PCR kits

A broad portfolio of PCR kits for differential diagnostics and screening of the most common sexually transmitted infections

This document lists all consumables and reagents required for instrument installation, training, and running the Applied Biosystems™ TaqPath™ Menu I GeneProof™ PCR assays. Please review this list carefully to ensure all necessary materials are available before installation and training dates. Missing materials can delay your setup process.

**Note:** To avoid contamination, it is highly recommended that you have separate sets of pipettes for samples, PCR reaction setup, and any post-PCR processing. Ideally, these steps should all be performed in separate laboratory spaces as well. Always follow necessary precautions when handling certain samples like swabs, urine, etc.

### Ordering information

| Product   | Supplier                 | Storage conditions | Cat. No. |
|---|--------------------------|--------------------|----------|
| TaqPath Menu I GeneProof STI PCR kits                                 | Thermo Fisher Scientific | -25°C to -15°C     |          |
| TaqPath Menu I GeneProof Human Papillomavirus (HPV) Screening PCR Kit |                          |                    | A58120   |
| TaqPath Menu I GeneProof Chlamydia trachomatis PCR Kit                |                          |                    | A58121   |
| TaqPath Menu I GeneProof CT/NG/MG Multiplex PCR Kit                   |                          |                    | A58117   |
| TaqPath Menu I GeneProof Gardnerella vaginalis PCR Kit                |                          |                    | A58118   |
| TaqPath Menu I GeneProof MH/UU/UP Multiplex PCR Kit                   |                          |                    | A58123   |
| TaqPath Menu I GeneProof Mycoplasma genitalium/hominis PCR Kit        |                          |                    | A58122   |
| TaqPath Menu I GeneProof Neisseria gonorrhoeae PCR Kit                |                          |                    | A58124   |
| TaqPath Menu I GeneProof Treponema pallidum PCR Kit                   |                          |                    | A58125   |
| TaqPath Menu I GeneProof Trichomonas vaginalis PCR Kit                |                          |                    | A58126   |
| TaqPath Menu I GeneProof Ureaplasma PCR Kit                           |                          |                    | A58127   |
| TaqPath Menu I GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit       |                          |                    | A58128   |

## Ordering information

| Product                                       | Supplier | Cat. No. |
|---|----------|----------|
| <b>Real-time PCR instruments and software</b> |          |          |

Instruments needed vary by kit; please refer to the Instructions for Use.

**Note:** It is the responsibility of laboratories using RUO qPCR instruments to validate the assay and analysis parameters for diagnostic use.

|  |                          |   |
|--|--------------------------|---|
| QuantStudio Design and Analysis Software v2.5 or later (available) | Thermo Fisher Scientific | <a href="https://www.thermofisher.com/qpcrsoftware">thermofisher.com/qpcrsoftware</a> |
|--|--------------------------|---|

## Ordering information

| Description  | Supplier                 | Recommended product  | Cat. No.               |
|--|--------------------------|--|------------------------|
| Laboratory freezers  | Thermo Fisher Scientific | TSX Series High-Performance -20°C Manual Defrost Freezer or similar  | TSX2320FA              |
| Benchtop microcentrifuge to accommodate 1.5 mL tubes                     | Thermo Fisher Scientific | mySPIN 6 Mini Centrifuge or Sorvall Legend Micro 21R Microcentrifuge, refrigerated                               | 75004061 or 75002447   |
| Laboratory mixer, vortex, or equivalent                                  | MLS                      |  |                        |
| 1–10 µL single-channel adjustable-volume pipette                         | Thermo Fisher Scientific | F1-ClipTip Variable Volume Single Channel Pipette (1–10 µL)  | 4641320N               |
| 10–100 µL single-channel adjustable-volume pipette                       | Thermo Fisher Scientific | F1-ClipTip Variable Volume Single Channel Pipette (10–100 µL)  | 4641200N               |
| 100–1,000 µL single-channel adjustable-volume pipette                    | Thermo Fisher Scientific | F1-ClipTip Variable Volume Single Channel Pipette (100–1,000 µL)   | 4641230N               |
| Multichannel pipette in 5–20 µL volume range (optional)                  | Thermo Fisher Scientific | E1-ClipTip Electronic Pipette Equalizer, 8-Channel (2–125 µL) or 12-Channel (2–125 µL)                           | 4672060BT or 4672070BT |
| Multichannel pipette in 50–1,000 µL volume range (optional)              | Thermo Fisher Scientific | E1-ClipTip Electronic Pipette Equalizer, 8-Channel (15–1,250 µL)   | 4672100BT              |
| Multichannel pipette, 10–300 µL  | Thermo Fisher Scientific | E1-ClipTip Electronic Pipette Equalizer, 8-Channel (10–300 µL)   | 4672080BT              |
| Multichannel adjustable-volume pipette, 30–850 µL, 12-well (optional)    | Thermo Fisher Scientific | E1-ClipTip Electronic Pipette, 12-Channel (30–850 µL)  | 4671090BT              |
| Multichannel single- or adjustable-volume pipette 15–1,250 µL (optional) | Thermo Fisher Scientific | E1-ClipTip Electronic Pipette, 1-Channel (15–1,250 µL) or E1-ClipTip Electronic Pipette, 8-Channel (15–1,250 µL) | 4670040BT or 4671100BT |

## Ordering information

| Description  | Supplier                                      | Recommended product  | Cat. No.   |
|--|---|--|--|
| Aerosol-resistant barrier pipette tips, various sizes (1–1,250 µL)                 | Thermo Fisher Scientific                      | Aerosol-resistant barrier tips compatible with F1-ClipTip and E1-ClipTip pipettes  | 94420153 or 94420813   |
| 1.5 mL RNase-free microcentrifuge tubes  | Thermo Fisher Scientific or Fisher Scientific | RNase-free Microcentrifuge Tubes, nonstick, 1.5 mL (250 tubes) or Snap Cap Low Retention Microcentrifuge Tubes, 1.5 mL, graduated, sterile | AM12450 or 21-402-903  |
| Cold blocks or ice and ice buckets (to accommodate reagent tubes and RT-PCR plate) | Thermo Fisher Scientific or Fisher Scientific | Benchtop coolers and PCR cooler  | 5116-1300 and 05-403-00  |
| Powder-free gloves   | Fisher Scientific                             | Various  |  |
| Safety glasses   | Fisher Scientific                             | Various  |  |
| Laboratory coat  | Fisher Scientific                             | Various  |  |
| Nuclease-free water (not DEPC-treated)   | Thermo Fisher Scientific                      |  | AM9938 (1 x 100 mL) or AM9932 (1 x 1,000 mL)   |
| 70% isopropanol spray  | Fisher Scientific                             | Various  |  |
| General purpose lab tissues/wipes  | Fisher Scientific                             | Kimberly-Clark Professional Kimwipes Delicate Task Wipers  | S47299   |
| <b>Tubes, plates, and other consumables</b>  |   |  |  |
| Reservoir for multichannel pipettes  | MLS   |  | AM12500, 339650, or 14-959-49B   |
| MicroAmp Optical 96-Well Reaction Plate, 0.2 mL                                    | Thermo Fisher Scientific                      |  | 4306737 (with barcode), 4326659 (with barcode), N8010560 (without barcode), or 4316813 (without barcode) |
| MicroAmp Optical Adhesive Film   | Thermo Fisher Scientific                      |  | 4311971 or 4360954   |
| MicroAmp Adhesive Film Applicator  | Thermo Fisher Scientific                      |  | 4333183  |
| DNase- and RNase-free tubes for mixing reagents (capable of mixing 5 mL and 50 mL) | Thermo Fisher Scientific                      |  | <a href="https://www.thermofisher.com">thermofisher.com</a>  |

## Ordering information

| Product   | Supplier                 | Storage conditions | Cat. No. |
|---|--------------------------|--------------------|----------|
| <b>Instrument calibration plates for the QuantStudio 5 system, 96-well, 0.2 mL</b>            |                          |                    |          |
| QuantStudio 3/5 Spectral Calibration Plate 1 (FAM, VIC, ROX, SYBR dyes), 96-well, 0.2 mL      | Thermo Fisher Scientific | -20°C              | A26331   |
| QuantStudio 3/5 Spectral Calibration Plate 2 (ABY, JUN, Mustang Purple dyes), 96-well, 0.2 mL | Thermo Fisher Scientific | -20°C              | A26332   |
| QuantStudio 3/5 Spectral Calibration Plate 3 (TAMRA, NED, Cy 5 dyes), 96-well, 0.2 mL         | Thermo Fisher Scientific | -20°C              | A26333   |
| <b>Instrument calibration plates for 7500 real-time PCR systems</b>                           |                          |                    |          |
| 7500 Real-Time PCR Systems Spectral Calibration Kit I   | Thermo Fisher Scientific | -20°C              | 4349180  |
| 7500 Real-Time PCR Systems Spectral Calibration Kit II, green features                        | Thermo Fisher Scientific | -20°C              | 4351151  |

## Service and support

For optimal system performance, please follow the instrument user guide maintenance recommendations.

[Explore resources here](#)

Learn more at [thermofisher.com/sti-taqpath-menu](https://thermofisher.com/sti-taqpath-menu)

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