



# Clinical solutions for infectious diseases and thrombotic mutations

## CE-IVD TaqPath molecular diagnostics assays



### Sexually transmitted infections

11 pathogens  
11 CE-IVD assays



### Blood clotting

6 thrombotic mutations  
6 CE-IVD assays



### Respiratory tract infections

14 pathogens  
9 CE-IVD assays



### Bloodborne and hepatitis

3 pathogens  
3 CE-IVD assays



### Gastrointestinal infections

3 pathogens  
1 CE-IVD assay



### Transplant and immunocompromised infections

10 pathogens  
10 CE-IVD assays



### Vector borne infections

1 pathogen  
1 CE-IVD assay

Rapid and accurate diagnostic tests are important for clinical microbiology laboratories and infectious disease or genetic clinicians. This type of diagnostic testing helps improve patient treatment, understanding of current epidemiology trends, and public health management.

Molecular diagnostic tests, including qPCR, can help shorten turnaround time and increase accuracy of diagnosis in different patient groups by leveraging lab resources.

Thermo Fisher Scientific offers one of the broadest ranges of real-time PCR assays for infectious diseases and thrombotic mutations. The CE-IVD marked Applied Biosystems™ TaqPath™ and TaqPath™ Menu | GeneProof™ assays facilitate effective molecular diagnostics that help to control and diagnose infectious diseases.

### Product features



#### Easy-to-use concept

Single tube ready-to-use Master Mix contains all components for PCR amplification. No additional pipetting of PCR reagents is necessary.



#### Simple laboratory workflow

Easily combinable with other PCR kits from the TaqPath Menu | GeneProof portfolio in one workflow.



#### Contamination reduction

Ready-to-use Master Mix contains uracil-DNA glycosylase (UNG) and dUTPs reducing possible carryover contamination.



#### Device compatibility

Compatible with a wide range of real-time PCR devices.

### Ordering information

SKU	Description	Kit size
<b>Sexually transmitted infections</b>		
A58120	<b>Human Papillomavirus (HPV) Screening PCR Kit</b> Qualitative detection of 24 high-risk genotypes and differentiation of 16, 18, and 45 genotypes of HPV on real-time PCR	100 tests
A58121	<b>Chlamydia trachomatis PCR Kit</b> Qualitative detection of <i>Chlamydia trachomatis</i> (CT) on real-time PCR	100 tests
A58117	<b>CT/NG/MG Multiplex PCR Kit</b> Qualitative detection and differentiation of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , and <i>Mycoplasma genitalium</i> on real-time PCR	100 tests
A58118	<b>Gardnerella vaginalis PCR Kit</b> Qualitative detection of <i>Gardnerella vaginalis</i> on real-time PCR	100 tests
A58123	<b>MH/UU/UP Multiplex PCR Kit</b> Qualitative detection and differentiation of <i>Mycoplasma hominis</i> (MH), <i>Ureaplasma urealyticum</i> (UU), and <i>Ureaplasma parvum</i> (UP) on real-time PCR	100 tests
A58122	<b>Mycoplasma genitalium/hominis PCR Kit</b> Qualitative detection and differentiation of <i>Mycoplasma hominis</i> and <i>Mycoplasma genitalium</i> on real-time PCR	100 tests
A58124	<b>Neisseria gonorrhoeae PCR Kit</b> Qualitative detection of <i>Neisseria gonorrhoeae</i> on real-time PCR	100 tests
A58125	<b>Treponema pallidum PCR Kit</b> Qualitative detection of <i>Treponema pallidum</i> on real-time PCR	100 tests
A58126	<b>Trichomonas vaginalis PCR Kit</b> Qualitative detection of <i>Trichomonas vaginalis</i> on real-time PCR	100 tests
A58127	<b>Ureaplasma PCR Kit</b> Qualitative detection and differentiation of <i>Ureaplasma urealyticum</i> (UU) and <i>Ureaplasma parvum</i> (UP) on real-time PCR	100 tests
A58128	<b>Herpes Simplex Virus (HSV-1/2) PCR Kit</b> Qualitative and quantitative detection and differentiation of Herpes Simplex Virus 1 (HSV-1) and Herpes Simplex Virus 2 (HSV-2) on real-time PCR	100 tests

## Ordering information (continued)

SKU	Description	Kit size
<b>Bloodborne and Hepatitis</b>		
A58119	<b>HIV type 1 (HIV-1) Diagnostic PCR Kit</b> Qualitative and quantitative detection of Human immunodeficiency virus 1 (HIV-1) on real-time PCR	100 tests
A54401	<b>Seq HIV-1 Genotyping Kit</b> Detect and monitor drug resistance mutations in three main antiretroviral drug classes	48 tests
A58426	<b>Hepatitis B Virus (HBV) PCR Kit</b> Qualitative and quantitative detection of Hepatitis B virus (HBV) on real-time PCR	100 tests
A58427	<b>Hepatitis C Virus (HCV) Diagnostic PCR Kit</b> Qualitative and quantitative detection of Hepatitis C virus (HCV) on real-time PCR	100 tests
<b>Respiratory tract infections</b>		
A58208	<b>Bordetella pertussis/parapertussis PCR Kit</b> Qualitative detection and differentiation of <i>Bordetella pertussis</i> and <i>B. parapertussis</i> on real-time PCR	100 tests
A58212	<b>Mycobacterium tuberculosis PCR Kit</b> Qualitative detection of all species from <i>Mycobacterium tuberculosis complex</i> (MTBC) and the vaccination strain Bacillus Calmette-Guérin (BCG) on real-time PCR	100 tests
A58213	<b>Adenovirus PCR Kit</b> Qualitative and quantitative detection of human adenovirus on real-time PCR	100 tests
A58211	<b>Enterovirus PCR Kit</b> Qualitative and quantitative detection of Enteroviruses (Enterovirus species A-D) on real-time PCR	100 tests
A58209	<b>Chlamydia pneumoniae PCR Kit</b> Qualitative detection of <i>Chlamydia pneumoniae</i> on real-time PCR	100 tests
A58210	<b>Mycoplasma pneumoniae PCR Kit</b> Qualitative detection of <i>Mycoplasma pneumoniae</i> on real-time PCR	100 tests
A48067	<b>COVID-19 CE-IVD RT-PCR Kit</b> Qualitative detection of SARS-CoV-2 on real-time PCR	1000 tests
A49867	<b>COVID-19, Flu A/B, RSV Combo Kit</b> Qualitative detection and differentiation of SARS-CoV-2, influenza A/B, and human respiratory syncytial virus (RSV A/B) on real-time PCR	1000 tests
A54713	<b>Respiratory Viral Select Panel</b> Qualitative detection and differentiation of adenovirus, human parainfluenza subtypes 1, 2, 3, and 4 (undifferentiated), rhinovirus/enterovirus (undifferentiated), and human metapneumovirus on real-time PCR	200 tests
<b>Gastrointestinal infections</b>		
A54714	<b>Enteric Bacterial Select Panel</b> Qualitative detection and differentiation of <i>Salmonella spp.</i> , <i>Shigella spp.</i> /enteroinvasive <i>Escherichia coli</i> (EIEC) and <i>Campylobacter jejuni</i> , <i>Campylobacter coli</i> , <i>Campylobacter upsaliensis</i> on real-time PCR	200 tests
<b>Transplant and immunocompromised infections</b>		
A58428	<b>Cytomegalovirus (CMV) PCR Kit</b> Qualitative and quantitative detection of cytomegalovirus (CMV) on real-time PCR	100 tests
A58429	<b>Epstein-Barr Virus (EBV) PCR Kit</b> Qualitative and quantitative detection of Epstein-Barr Virus (EBV) on real-time PCR	100 tests
A58431	<b>BK/JC Virus (BK/JC) PCR Kit</b> Quantitative detection and differentiation of BK Virus (BKV) and JC Virus (JCV) on real-time PCR	100 tests
A58430	<b>BK Virus (BKV) PCR Kit</b> Qualitative and quantitative detection of BK Virus (BKV) on real-time PCR	100 tests
A58432	<b>Varicella-Zoster Virus (VZV) PCR Kit</b> Qualitative and quantitative detection of Varicella-Zoster Virus (VZV) on real-time PCR	100 tests

## Ordering information (continued)

SKU	Description	Kit size
<b>Transplant and immunocompromised infections (continued)</b>		
A58433	<b>Human Herpesvirus 6/7 (HHV-6/7) PCR Kit</b> Qualitative and quantitative detection of HHV-6 and HHV-7 on real-time PCR (CE-IVD, IVDR)	100 tests
A58434	<b>Human Herpesvirus 8 (HHV-8) PCR Kit</b> Qualitative and quantitative detection of HHV-8 on real-time PCR (CE-IVD, IVDR)	100 tests
A58435	<b>Parvovirus B19 PCR Kit</b> Qualitative and quantitative detection of human parvovirus B19 on real-time PCR	100 tests
A58436	<b>JC Virus (JCV) PCR Kit</b> Qualitative and quantitative detection of JC virus (JCV) on real-time PCR	100 tests
A58437	<b>Aspergillus PCR Kit</b> Qualitative detection of aspergillus on real-time PCR	100 tests
<b>Blood clotting—thrombotic mutations</b>		
A58420	<b>Factor II Prothrombin PCR Kit</b> Qualitative detection of G20210A polymorphism in F2 gene for Factor II Prothrombin in whole blood (EDTA) on real-time PCR	100 tests
A58421	<b>Factor V Leiden PCR Kit</b> Qualitative detection of G1691A Polymorphism in F5 gene for Factor V Leiden in whole blood (EDTA) on real-time PCR	100 tests
A58422	<b>Factor XIII V34L PCR Kit</b> Qualitative detection of G103T Polymorphism in F13A1 gene for Factor XIII (V34L) in whole blood (EDTA) on real-time PCR	100 tests
A58423	<b>PAI-1 Genotyping PCR Kit</b> Qualitative detection of Polymorphism in SERPINE1 gene for Plasminogen activator inhibitor 1 (PAI-1) in whole blood (EDTA) on real-time PCR	100 tests
A58424	<b>MTHFR C677T PCR Kit</b> Qualitative detection of C677T polymorphism in the gene for methylenetetrahydrofolate reductase (MTHFR) in whole blood (EDTA) on real-time PCR	100 tests
A58425	<b>MTHFR A1298C PCR Kit</b> Qualitative detection of A1298C polymorphism in the gene for methylenetetrahydrofolate reductase (MTHFR) in whole blood (EDTA) on real-time PCR	100 tests
<b>Vector borne</b>		
A58438	<b>Borrelia PCR Kit</b> Qualitative detection of 15 <i>Borrelia burgdorferi sensu lato</i> strains, <i>Borrelia burgdorferi sensu stricto</i> , and <i>Borrelia miyamotoi</i> on real-time PCR	100 tests
<b>Accessory</b>		
A58250	<b>Universal Internal Control</b> Universal internal control for TaqPath Menu   GeneProof infectious disease assays	100 tests

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