

Empowering laboratories
with superior diagnostic accuracy:

PathoFinder + PathoNostics

Leading with Care

PathoNostics®


PathoFinder®

For 20 years, PathoFinder and its sister company, PathoNostics, have been empowering laboratories worldwide with superior diagnostic accuracy. Specializing in diagnostic multiplex real-time PCR kits, we provide rapid and precise identification of infectious diseases and fungal infections.



① Comprehensive Solutions

Our kits cover a wide spectrum of pathogens including viral, bacterial, parasitic and fungal.

② Advanced Technology

CE-IVD Certified and utilizing proprietary real-time PCR and melting curve analysis, our kits offer exceptional specificity and sensitivity.

③ Diverse Applications

From respiratory and gastroenteritis to meningitis/encephalitis, STDs, and invasive fungal pathogens, our products cater to various medical needs.

④ Fungal Infection Expertise

Since 2011, we've been at the forefront, recognizing the global health threat of invasive fungal infections. Through PathoNostics, we offer advanced solutions targeting a range of pathogens with our multiplex PCR kits.

⑤ Empowering Clinicians

Our aim is to enable clinicians to promptly initiate effective therapeutic interventions, minimizing side effects and optimizing healthcare costs.



Trust PathoFinder and PathoNostics for accurate diagnostics, backed by two decades of excellence in the field.



Ensuring quality isn't just a mandate; it's a testament to how much we care!

With unwavering commitment, we transition from CE Certification to meet IVDR standards for our products while maintaining ISO 13485:2016 compliance. We prioritize regular post-market surveillance, monitoring our product performance through External Quality Assessment panels including QCMD. We continually invest in clinical studies in support of our IVDR transition, we prioritize safety and efficacy, ensuring you have ultimate peace of mind when trusting our results.

Big Enough to Lead, Small Enough to Care

Driving Healthcare Forward Together

At PathoFinder and PathoNostics, we strike the perfect balance. With a presence in over 70 countries worldwide, we've established ourselves as a serious supplier and global player in the diagnostics industry.

We pride ourselves on being small enough to care deeply about each partnership. Caring is at the heart of everything we do. We prioritize not only identifying pathogens that cause large-scale pandemics but also addressing the often overlooked and neglected diagnostic needs of the market.

We care deeply about the most vulnerable in our population, particularly those who are immunocompromised and at the highest risk.

Our commitment to caring extends to our clients as well. We listen attentively and work tirelessly to build genuine, trusted relationships because we understand that their success is intertwined with ours.



Challenges in the Diagnostic Landscape:

- Rising global health threats heighten the vulnerability of immunocompromised individuals.
- Syndromic testing emerges as a pivotal tool, enabling swift identification of microbial targets.
- Comprehensive identification of pathogens and resistance patterns enhances treatment outcomes.
- According to the World Health Organization (WHO), bacterial antimicrobial resistance results in approximately 1.14M deaths globally annually.
- Increasing rates of antimicrobial resistance and infectious disease incidence underscore the urgency for advanced diagnostic solutions.
- Traditional methods, known for their low sensitivity, struggle to meet the diagnostic demands of the current landscape.



Our dedication is underscored by our remarkable **Net Promoter Score**, a testament to the satisfaction and trust our partners have in us. Here's a glimpse of what some of them have to say:

“ The Pathonostics crew is helpful, interested in your lab and lab setting, and thinks together with you what could be innovative steps.

**Medical Microbiology,
Hospital Lab, NL**

“ The communication is fast, and there is also reliable technical support for more detailed questions.

EXOMedica, Baltic States

“ I wouldn't hesitate for a moment to recommend this company to others. The culture is incredible – a perfect blend of professionalism, support, and innovation.

Panagiotis Travlos, Greece

“ Clonit is very grateful for the partnership with PathoFinder/PathoNostics. We greatly appreciate the relationships with your entire team, who are always attentive and proactive. The quality of PathoFinder/PathoNostics products is highly appreciated by our customers in Italy.

Clonit, Italy

PCR: The Gold Standard in Molecular Diagnostics for Precision and Speed



Accuracy and Specificity

Offers unparalleled precision, ensuring accurate identification of target pathogens with high specificity.



Sensitivity

PCR assays are highly sensitive, capable of detecting even low levels of target pathogens enhancing diagnostic accuracy.



Rapid Diagnosis

PCR provides rapid results compared to traditional methods, enabling timely interventions and improved patient outcomes.



Syndromic/ Multiplex Testing

With PCR you can obtain comprehensive results for multiple pathogens in a single assay.



Trustworthy Results

With robust controls and stringent quality assurance measures, PCR delivers reliable and trustworthy diagnostic outcomes, instilling confidence.

RespiFinder® 2SMART

The simultaneous detection and differentiation of up to 24 respiratory pathogens within 2.5 hours.

Targets

Viruses:

- Influenza A
- Influenza B
- Influenza A H1N1pdm09
- RSV-A
- RSV-B
- Parainfluenza 1
- Parainfluenza 2
- Parainfluenza 3
- Parainfluenza 4
- SARS-CoV-2
- Corona OC43
- Corona 229E
- Corona NL63/HKU1*
- MERS-CoV
- Rhinovirus/Enterovirus*
- Adenovirus
- Human Metapneumovirus (hMPV)
- Bocavirus

Bacteria:

- *Mycoplasma pneumoniae*
- *Legionella pneumophila*
- *Chlamydomphila pneumoniae*
- *Bordetella pertussis*

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 (Roche)
- Rotor-Gene Q (QIAGEN)
- QuantStudio 5 (Thermo Fisher Scientific)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE** 2797IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: SmartFinder technology, results based on melting curve analysis

PCR Run-time: 2.5 hrs

Product code: PF2600-2S

Kit size: 50 reactions/kit



RealAccurate® Quadruplex Influenza PCR Kit

The simultaneous detection and differentiation of 3 influenza viruses.

Targets

- Influenza A
- Influenza B
- Influenza A H1N1pdm09

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE** 2797IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PF0970-R

Kit size: 50 reactions/kit

RealAccurate® Quadruplex Parainfluenza PCR Kit

The simultaneous detection and differentiation of parainfluenza viruses.

Targets

- Parainfluenza 1
- Parainfluenza 2/4*
- Parainfluenza 3

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PF0972-R

Kit size: 50 reactions/kit

RealAccurate® Quadruplex Atypical bacteria PCR Kit

The simultaneous detection and differentiation of atypical bacteria.

Targets

- *Mycoplasma pneumoniae*
- *Legionella pneumophila*
- *Chlamydomphila pneumoniae**

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

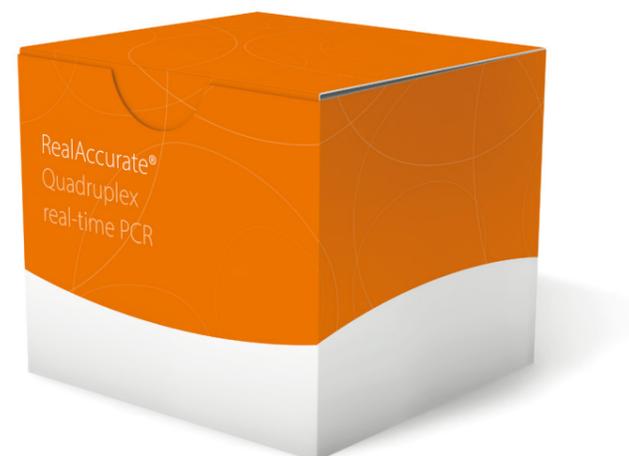
- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD*
*(RUO for *Chlamydomphila pneumoniae*)
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PF0966-R

Kit size: 50 reactions/kit



RealAccurate® Quadruplex Adeno/Boca/Rhino/Entero PCR Kit

The simultaneous detection and differentiation of adeno-, boca-, rhino/enterovirus.

Targets

- Adenovirus
- Bocavirus
- Rhinovirus/Enterovirus*

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PN0974-R

Kit size: 50 reactions/kit

RealAccurate® Quadruplex Bordetella PCR Kit

The simultaneous detection and differentiation of 3 Bordetella species.

Targets

- *Bordetella pertussis*
- *Bordetella parapertussis*
- *Bordetella holmesii*

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PF0975-R

Kit size: 50 reactions/kit

*Detected but not discriminated.

RealAccurate® Quadruplex RSV/hMPV PCR Kit

The simultaneous detection and differentiation of RSV-A, RSV-B and hMPV.

Targets

- RSV-A
- RSV-B
- Human Metapneumovirus (hMPV)

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyclers (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PF0973-R

Kit size: 50 reactions/kit

RealAccurate® Quadruplex Corona PCR Kit

The simultaneous detection and differentiation of 4 coronaviruses.

Targets

- Corona OC43
- Corona 229E
- Corona NL63/HKU1*

Specimen

- Nasopharyngeal swab

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyclers (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 40-60 min

Product code: PF0971-R

Kit size: 50 reactions/kit

RealAccurate® Quadruplex SARS-CoV-2 PCR Kit

Detection of SARS-CoV-2 using 2 genes.

Targets

- SARS-CoV-2 N gene
- SARS-CoV-2 RdRp gene

Specimen

- Nasopharyngeal swab in UTM and Normal saline
- Saliva

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyclers (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 1.15 hrs

Product code: PF0971C-R

Kit size: 100 reactions/kit

RealAccurate® Quadruplex Mycobacteria PCR Kit

Detection of *Mycobacterium tuberculosis* and non-tuberculous mycobacteria.

Targets

- *Mycobacterium tuberculosis*
- Non-tuberculous mycobacteria (NTM)

Specimen

- Bronchoalveolar lavage (BAL) Samples
- Sputum
- NALC sediments
- MGIT

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyclers (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 1.5 hrs

Product code: PF0920-R

Kit size: 50 reactions/kit

GastroFinder® 2SMART

The simultaneous detection and differentiation of up to 18 gastrointestinal pathogens within 2.5 hours.

Targets

- Viruses:
- Adenovirus
 - Astrovirus
 - Rotavirus
 - Norovirus
 - Sapovirus
- Bacteria:
- *Campylobacter* spp.
 - *Clostridium difficile* toxA
 - *Clostridium difficile* toxB
 - *Salmonella* spp.
 - *Yersinia enterocolitica*
 - *eae* (EPEC)
 - *ipaH* (EIEC/*Shigella*)
 - *elt/est* (ETEC)
 - *stx1/stx2** (STEC)
- Parasites:
- *Entamoeba histolytica*
 - *Giardia lamblia*
 - *Cryptosporidium* spp.
 - *Dientamoeba fragilis*

Specimen

- Stool

Instruments

- LightCycler 480 (Roche)
- Rotor-Gene Q (QIAGEN)
- QuantStudio 5 (Thermo Fisher Scientific)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: SmartFinder technology, results based on melting curve analysis

PCR Run-time: 2.5 hrs

Product code: PF5600-2S

Kit size: 50 reactions/kit

STD-Finder® 2SMART

The simultaneous detection and differentiation of the most relevant Sexually Transmitted Infections within 2.5 hours.

Targets

- Viruses:
- Herpes simplex virus type 1 (HSV1)
 - Herpes simplex virus type 2 (HSV2)
- Bacteria:
- *Chlamydia trachomatis* (dual target)
 - *Chlamydia trachomatis* LGV variant
 - *Neisseria gonorrhoeae*
 - *Neisseria gonorrhoeae* with mosaic *penA* gene
 - *Ureaplasma urealyticum*
 - *Mycoplasma genitalium*
 - *Treponema pallidum*
- Parasites:
- *Trichomonas vaginalis*

Specimen

- Swabs (genital, rectal, oropharyngeal)
- Urine

Instruments

- LightCycler 480 (Roche)
- Rotor-Gene Q (QIAGEN)
- QuantStudio 5 (Thermo Fisher Scientific)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE** 2797IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: SmartFinder technology, results based on melting curve analysis

PCR Run-time: 2.5 hrs

Product code: PF3200-2S

Kit size: 50 reactions/kit



*Detected but not discriminated.

MeningoFinder® 2SMART

The simultaneous detection and differentiation of up to 22 pathogens that can cause meningitis and encephalitis within 2.5 hours.

Targets

Viruses:

- Herpes simplex virus type 1 (HSV1)
- Herpes simplex virus type 2 (HSV2)
- Varicella-zoster virus (VZV)
- Epstein-Barr virus (EBV)
- Cytomegalovirus (CMV)
- Human herpesvirus 6
- Human herpesvirus 7
- Human herpesvirus 8
- Human enterovirus
- Parechovirus
- Mumps virus
- Measles virus

Bacteria:

- *Listeria monocytogenes*
- *Staphylococcus aureus*
- *Haemophilus influenzae*
- *Streptococcus pneumoniae*
- *Streptococcus agalactiae*
- *Neisseria meningitidis*
- *Borrelia burgdorferi sensu lato*/
*Borrelia miyamotoi**
- *Escherichia coli* K1

Funghi:

- *Cryptococcus gattii* sensu lato
- *Cryptococcus neoformans* sensu lato

Specimen

- Cerebrospinal fluid (CSF)

Instruments

- LightCycler 480 (Roche)
- Rotor-Gene Q (QIAGEN)
- QuantStudio 5 (Thermo Fisher Scientific)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE** 2797IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: SmartFinder technology, results based on melting curve analysis

PCR Run-time: 2.5 hrs

Product code: PF1200-2S

Kit size: 50 reactions/kit

AsperGenius® 2.0 Species Multiplex real-time PCR kit

Detection of *Aspergillus fumigatus*/*flavus/terreus* and species. To aid in the diagnosis of aspergillosis.

Targets

- *Aspergillus fumigatus*
- *Aspergillus flavus*
- *Aspergillus terreus***
- *Aspergillus* species

**Only in PCR instruments with a crimson detection channel.

Specimen

- Bronchoalveolar lavage (BAL) Samples
- Serum and plasma samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 1h (dependent on PCR instrument)

Product code: PN-101

Kit size: 50 reactions/kit



AsperGenius® 2.0 Resistance TR Multiplex real-time PCR kit

Detection of TR34/TR46 azole resistance markers in *Aspergillus fumigatus*. To aid in a tailored treatment of aspergillosis.

Targets

- *Aspergillus fumigatus* WT
- *Aspergillus fumigatus* TR34
- *Aspergillus fumigatus* TR46

Specimen

- Bronchoalveolar lavage (BAL) samples
- Serum and plasma samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR

PCR Run-time: 1h (dependent on PCR instrument)

Product code: PN-201

Kit size: 50 reactions/kit

CandidaGenius® *C. auris* screening assay

A qualitative real-time PCR for the rapid screening of *Candida auris* in 75 minutes.

Targets

- *Candidozyma (Candida) auris*

Specimen

- ESwarbs from nares, mouth/throat, perineum, bilateral axillae and groin

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Research Use Only (RUO)
- Not for use in clinical diagnostic procedures
- Internal control included
- Positive control included

Technology: real-time PCR

PCR Run-time: 75 mins

Product code: PN-900

Kit size: 50 reactions/kit



MucorGenius® Multiplex real-time PCR kit

For detection of clinically relevant Mucorales species. To aid in the diagnosis of mucormycosis.

Targets

- Pan-Mucorales*:
 - *Rhizopus* spp.
 - *Mucor* spp.
 - *Rhizomucor* spp.
 - *Lichtheimia* spp.
 - *Cunninghamella* spp.

Specimen

- Bronchoalveolar lavage (BAL) samples
- Serum samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples

Technology: real-time PCR

PCR Run-time: max 2 hrs (dependent on PCR instrument)

Product code: PN-700

Kit size: 25 reactions/kit

PneumoGenius® Multiplex real-time PCR kit

For detection and quantification of *Pneumocystis jirovecii* and DHPS mutations linked to sulfa drug resistance. To aid in the diagnosis of pneumocystosis.

Targets

- *Pneumocystis jirovecii* mtLSU (multicopy gene)
- *Pneumocystis jirovecii* DHPS *fas* (single-copy gene)
- DHPS mutations:
 - THR55Ala
 - Pro57Ser

Specimen

- Bronchoalveolar lavage (BAL) samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD) panels

Technology: real-time PCR with additional melting curve analysis

PCR Run-time: max 2 hrs (dependent on PCR instrument)

Product code: PN-600

Kit size: 25 reactions/kit

*Detected but not discriminated.

DermaGenius® 2.0 Complete Multiplex real-time PCR kit

For detection and identification of dermatophyte infections in nail, hair and skin samples. To aid in the diagnosis of dermatophytosis.

Targets

- *Trichophyton rubrum*/*Trichophyton soudanense**
- *Trichophyton interdigitale*/*Trichophyton mentagrophytes**
- *Trichophyton tonsurans*
- *Trichophyton violaceum*
- *Trichophyton benhamiae*
- *Trichophyton verrucosum*
- *Microsporum canis*
- *Microsporum audouinii*
- *Epidermophyton floccosum*
- *Candida albicans*

Specimen

- Nail, hair and skin samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE** 2797IVD
- Internal control included
- Positive controls included
- Validated on clinical samples
- Validated on proficiency (QCMD/ INSTAND) panels

Technology: real-time PCR with additional melting curve analysis

PCR Run-time: max 2 hrs (dependent on PCR instrument)

Product code: PN-401

Kit size: 50 reactions/kit

DermaGenius® 3.0 Complete Multiplex real-time PCR kit

For detection and identification of dermatophyte infections in nail, hair and skin samples including a pan-derma detection. To aid in the diagnosis of dermatophytosis.

Targets

- *Trichophyton rubrum*/*Trichophyton soudanense**
- *Trichophyton interdigitale*/*Trichophyton mentagrophytes**
- *Trichophyton tonsurans*
- *Trichophyton schoenleinii*/*Trichophyton quinckeanum**
- *Trichophyton violaceum*
- *Trichophyton benhamiae*
- *Trichophyton verrucosum*
- *Microsporum canis*
- *Microsporum audouinii*
- *Nannizzia gypsea*
- *Epidermophyton floccosum*
- *Candida albicans*
- *Candida parapsilosis*
- *Scopulariopsis brevicaulis*
- Pan-dermatophyte

Specimen

- Nail, hair and skin samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive controls included
- Validated on clinical samples
- Validated on proficiency (QCMD/ INSTAND) panels

Technology: real-time PCR with additional melting curve analysis

PCR Run-time: max 2 hrs (dependent on PCR instrument)

Product code: PN-402

Kit size: 50 reactions/kit

DermaGenius® 3.0 Nail Multiplex real-time PCR kit

For detection and identification of dermatophyte infections in nail samples. To aid in the diagnosis of dermatophytosis.

Targets

- *Trichophyton rubrum*
- *Trichophyton interdigitale*
- *Candida albicans*
- *Candida parapsilosis*
- *Scopulariopsis brevicaulis*

Specimen

- Nail samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Research Use Only (RUO)
- Not for use in clinical diagnostic procedures
- Internal control included
- Positive control included

Technology: real-time PCR with additional melting curve analysis

PCR Run-time: max 2 hrs (dependent on PCR instrument)

Product code: PN-302

Kit size: 50 reactions/kit

*Detected but not discriminated.

DermaGenius® Resistance Multiplex real-time PCR kit

For detection of the most clinically relevant point mutations in the SQLE gene, causing terbinafine resistance. To aid in a tailored treatment of dermatophytosis.

Targets

- *Trichophyton rubrum*/*Trichophyton soudanense**
- *Trichophyton interdigitale*/*Trichophyton mentagrophytes**
- *Trichophyton mentagrophytes* (ITS type IV)
- *Trichophyton tonsurans*
- *Trichophyton schoenleinii*/*Trichophyton quinckeanum**
- *Trichophyton violaceum*
- SQLE Wildtype
- SQLE mutant:
 - Leu393Phe
 - Phe397Ile
 - Phe397Leu
 - Phe397Val
 - Leu393Ser

Specimen

- Nail, hair and skin samples

Instruments

- LightCycler 480 II (Roche)
- Rotor-Gene Q (QIAGEN)
- CFX96 (Bio-Rad)
- QuantStudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD
- Internal control included
- Positive control included
- Validated on clinical samples
- Validated on proficiency (QCMD/ INSTAND) panels

Technology: real-time PCR with additional melting curve analysis

PCR Run-time: max 2 hrs (dependent on PCR instrument)

Product code: PN-303

Kit size: 25 reactions/kit

PathoNostics® Extraction kit

For extraction of dermatophytes from nail, hair and skin samples. A fast and simple extraction method to be used in combination with DermaGenius® assays.

Quality

- Designed and manufactured under EN ISO 13485:2016
- **CE**-IVD

Product code: PN-502

Processing time: 20 min

Kit size: 50 reactions/kit

As antimicrobial and antifungal resistance continues to rise globally, accurate identification of resistance markers through PCR testing becomes paramount. With statistics showing increasing mortality rates due to resistant infections, swift and accurate diagnoses hold the key to improving patient outcomes and combating this growing threat. It's in this context that we offer a range of products that detect resistance markers:

AsperGenius® 2.0 Resistance TR Multiplex real-time PCR Kit

To detect the most prevalent environmental azole-resistance mechanisms in *Aspergillus fumigatus*.

DermaGenius® Resistance Multiplex real-time PCR Kit

Detects the most prevalent mutations causing terbinafine resistance in dermatophytes.

PneumoGenius® Multiplex real-time PCR kit

Detects DHPS mutations linked to sulfa drug resistance in *Pneumocystis jirovecii*.

STD-Finder® 2SMART PCR kit

Detects cephalosporin resistance-conferring mosaic penA configurations of *Neisseria gonorrhoeae*.



Originating in Europe, our company proudly exhibits a global footprint, spanning over 70 countries and reaching every continent (except Antarctica).

With customers both direct and indirect, we pride ourselves on our diverse reach and commitment to serving clients worldwide.



Europe

- Austria
- Belgium
- Bulgaria
- Croatia
- Czech Republic
- Denmark
- England
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Northern Ireland
- Norway
- Poland
- Portugal
- Romania
- Scotland
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- The Netherlands
- Turkey
- Wales

Middle East

- Bahrain
- Israel
- Kuwait
- Lebanon
- Oman
- Saudi Arabia
- United Arab Emirates

Africa

- Kenya
- South-Africa
- Tunisia
- Uganda

North and South America

- USA
- Argentina
- Brazil
- Chile
- Costa Rica
- Curaçao
- Ecuador
- Mexico
- Panama
- Peru
- Suriname
- Trinidad and Tobago
- Uruguay

Asia Pacific

- Australia
- Bangladesh
- China
- Hong Kong
- India
- Indonesia
- Malaysia
- Mongolia
- Nepal
- Pakistan
- Philippines
- Singapore
- South Korea
- Sri Lanka
- Taiwan
- Thailand
- Vietnam

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