



Fungiplex[®]

- When time matters: Fungal PCRs for rapid results

Fungiplex[®] IVD Real-Time PCR Kits

Typically affecting immunocompromised patients, diagnosis of IFD is challenging due to poor sensitivity and time-to-result of conventional diagnostics. Delayed diagnosis and treatment result in poor patient outcomes. The Fungiplex IVD real-time PCR kits target the most prevalent species and resistance markers, using DNA extracted directly from the clinical sample to give fast, accurate results.

Fungiplex[®] Aspergillus IVD Real-Time PCR Kit

For patients at risk of invasive aspergillosis, PCR can aid earlier diagnosis and allow for targeted use of antifungal therapy.

- *Aspergillus* spp.
- *Aspergillus terreus*

Fungiplex[®] Aspergillus Azole-R IVD Real-Time PCR Kit

Azole resistance in *Aspergillus fumigatus* is rising. PCR can give rapid results to target treatment. For detection of mutations in the Cyp51A gene associated with pan-azole resistance. Test from serum, plasma, BAL or isolate.

- TR34
- TR46

Fungiplex[®] Candida IVD Real-Time PCR Kit

Candida are the most prevalent pathogenic fungi. For patients at risk of invasive candidiasis, PCR is more sensitive than blood culture. Test from whole blood, serum or plasma.

- *Candida* spp.
- *Candida glabrata*
- *Candida krusei*

Fungiplex[®] Pneumocystis IVD Real-Time PCR Kit

Pneumocystis Pneumonia is affecting those with a weakened immune system. PCR is recommended for the routine diagnosis of PCP. Test from BAL, NBL or throat swab.

- *Pneumocystis jirovecii*
- Human Beta-actin (endogenous control)



Please contact your local representative for availability in your country.
Not for sale in the USA.

All Fungiplex kits can be used in parallel, are compatible with a wide range of

Fungiplex[®] RUO Real-Time PCR Kits

For research use only. Not for use in clinical diagnostic procedures.

The Fungiplex RUO (research use only) range of PCR kits has been designed for fungal pathogens or testing approaches in emerging areas of interest.

Fungiplex Candida Auris RUO

Candida auris is often multi-drug resistant and can be misidentified by conventional techniques. PCR can provide rapid results from sample, without culture.

- *Candida auris*

Fungiplex Mucorales RUO

Mucorales are emerging as opportunistic fungal pathogens with increased incidence. PCR can be applied to non-invasive samples and is of interest to discriminate between *Aspergillus* and Mucorales.

- *Rhizopus* spp.
- *Lichtheimia* spp.
- *Cunninghamella* spp.
- *Rhizomucor* spp.
- *Mucor* spp.
- *Actinomucor* spp.
- *Apophysomyces* spp.
- *Saksenaea* spp.
- *Syncephalastrum* spp.

Fungiplex Universal RUO

A pan-fungal PCR reporting the presence or absence of fungal DNA. Including Zygomycetes, *Cryptococcus* and *Trichosporon*.



RUO


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Related Products

Molecular Diagnostics

FluoroCycler® XT

Run Fungiplex real-time PCR kits on the **FluoroCycler XT**.


 manufactured by Hain Lifescience GmbH - a Bruker Company



Viral Infections

FluoroType® BKV | FluoroType® CMV | FluoroType® EBV
FluoroType® Parvovirus B19 | FluoroType® HSV | FluoroType® VZV
FluoroType® SARS-CoV-2 plus | FluoroType® SARS/Flu/RSV |
FluoroType® SARS-CoV-2 varID Q

Detect the viruses that affect immunocompromised patients.

 manufactured by Hain Lifescience GmbH - a Bruker Company

Supporting Mycology

MALDI Biotyper®

Identify isolated organisms, including unambiguous identification of *Candida auris*.

 manufactured by Bruker Daltonics GmbH & Co. KG

MICRONAUT-AM

Determine accurate MIC results for yeasts and Cryptococci, for up to 9 antimycotics, according to EUCAST criteria.

 manufactured by Merlin - Gesellschaft für mikrobiologische Diagnostika mbH



Please contact your local Bruker sales representative for information on availability and local registration of our products in your country.

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As of May 2021, Bruker Daltonik GmbH is now Bruker Daltonics GmbH & Co. KG.

 **Bruker Daltonics GmbH & Co. KG**

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