



UNIFUNGAL PCR

Detects more than 150 different fungal species of clinical importance including pathogenic, saprophytic as well as opportunistic fungi such as *Candida* species, *Aspergillus* species, *Mucor* species, etc.

Method: Unifungal PCR followed by Sanger Sequencing and analysis

Fungal Species covered under UNIFUNGAL PCR

Candida

- *Candida albicans*
- *Candida tropicalis*
- *Candida glabrata*
- *Candida parapsilosis*
- *Candida auris*
- *Candida krusei*
- *Candida dubiliensis*
- *Candida haemulonni*

Aspergillus

- *Aspergillus flavus*
- *Aspergillus fumigatus*
- *Aspergillus nidulans*
- *Aspergillus niger*
- *Aspergillus terreus*

Mucorales

- *Rhizopus arrhizus*
- *Rhizopus microsporus*
- *Mucor species*
- *Rhizomucor pusillus*
- *Lichtheima corymbifera*
- *Cunninghamella*
- *Apophysomyces elegans*
- *Saksanaea vasiformis*

Cryptococcus

- *Cryptococcus albidus*
- *Cryptococcus gatti*
- *Cryptococcus neoformans*
- *Cryptococcus laurentii*

Fusarium

- *Fusarium solani* complex
- *Fusarium oxysporum* complex
- *Fusarium incarnatum* complex

Entomophtherales

- *Basidiobolus*
- *Conidiobolus*

Dermatophytes

- *Trichophyton* spp.
- *Microsporum* spp.
- *Epidermophyton* spp.

Others

- *Exophiala* spp.
- *Scedosporium* spp.
- *Trichosporon* spp.
- *Blastomyces*
- *Coccidioides*
- *Histoplasma capsulatum*
- *Phialophora* spp.
- *Trichophyton* spp.
- *Curvularia* spp.
- *Penicillium* spp.
- *Cladosporium* spp.
- *Acremonium* spp.
- *Rhodotorula* spp.
- *Geotrichum* spp.
- *Malassezia* spp.
- *Cladophialophora* spp.
- *Bipolaris* spp.
- *Sporothrix schenckii*

UNIFUNGAL DNA Detection & Identification by Sanger Sequencing

Sample Type: Body Fluids, CSF, EDTA Blood, Pure Culture, Sputum, Tissue

Turn Around Time: 3-4 days

