PreventID®

Dermatophyte

Effective diagnosis of nail mycosis

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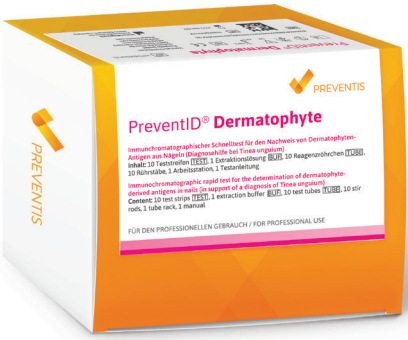
Detection of fungal nail infection



PreventID® Dermatophyte is an immuno-chromatographic rapid test for the qualitative determination of dermatophyte-derived antigens in nails.

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Detect nail mycosis in your medical office

Fungal nail infections, also known as onychomycosis are typically caused by dermatophytes, which are filamentous fungi. Onychomycosis caused by dermatophytes is called *tinea unguium*.[1]

Onchomycosis can affect anyone but some individuals are more susceptible than others. Some of the contributing factors causing the disease are occlusive footwear, repeated nail trauma, genetic predisposition, certain metabolic diseases such as diabetes and different immunsuppressive conditions such as HIV infections. Furthermore, Fungal nail disease is more prevalent in men and in individuals with other nail problems such as psoriasis.[2]

Late diagnosis may lead to temporary or permanent dystrophy of the nail.[3]

Current diagnosis methods are time consuming[3]. With **PreventID® Dermatophyte**, podiatrists and medical chiropodists can carry out a rapid and reliable diagnosis directly on site.

1. **Dt Ärztebl 1996**; 93: A-2027–2032 [Heft 31-32]
2. **M. Ameen, J. T. Lear, V. Madan, M. F. Mohd Mustapa and M. Richardson (2014).** British Association of Dermatologists' guidelines for the management of onychomycosis 2014. *British Journal of Dermatology, 171(5)*, 937–958. doi: 10.1111/bjd.13358
3. **Laura Bertanha, Nilton Di Chiacchio (2016).** Nail clipping in onychomycosis. *Anais Brasileiros de Dermatologia, 91(5)*, 688–690. doi: 10.1590/abd1806-4841.20164968

Faster less invasive diagnosis

Advantages with PreventID® Dermatophyte

- ✔ Fast and reliable results directly in the medical office.
- ✔ Professional can immediately start the therapy when the result is positive.
- ✔ Rapid diagnosis can help to prevent the spread of the disease.
- ✔ Reduced costs thanks to a simplified management.

Product characteristics

- ✔ Only 1 mg nail sample is required to perform the test
- ✔ Minimum detectable sensitivity: 0.5 µg dry weight/ml *Trichophyton rubrum*
- ✔ Overall agreement rate: 97.2%
- ✔ Compatible with oral antifungals (Terbinafine, Itraconazole) that are commonly used for the treatment of *tinea unguium*

How does PreventID® Dermatophyte work?

Take the nail specimen

Put the nail specimen into the tube filled with extraction buffer

Add the test strip to the tube

The test result can be read after 5 minutes

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