



Moter Diagnostics | Marienplatz 9 | 12207 Berlin

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12207 Berlin

Prof. Dr. med. Annette Moter
Fachärztin für Mikrobiologie
und Infektionsepidemiologie

INFORMATION

Tropheryma whippiei diagnostics

Postadresse:

Charité-Universitätsmedizin Berlin
Hindenburgdamm 30
Gebäude: 5011 Raum: U901
12203 Berlin

Tel. +49 (0)30 8040 5950

Fax +49 (0)30 8040 5952

a.moter@moter-diagnostics.com

Dear colleague,

Thank you for your interest in the molecular biological detection of ***Tropheryma whippiei***.

For optimal analysis results, please send 3-4 biopsies per location, or 2 ml cerebrospinal fluid or joint puncture fluid to the address given in the sample analysis order.

Transportation is optimal at 4°C; therefore, we recommend shipping the samples with a cool pack from the freezer.

Preliminary results of the analysis are usually available within three working days after sample arrival. Please understand that for the final report we may need more time since this sometimes requires sequencing.

In urgent cases, please let us know by phone or E-mail in advance about your sample so that we can prepare a fast work-up.

In case of positive results, we will contact you promptly.

In selected cases (primarily sterile tissue such as brain biopsies or heart valves, course of therapy), we have the option of also carrying out fluorescence in situ hybridization (FISH) in order to detect the pathogen directly in the tissue. We offer this examination after consultation with you.

Kind regards,

Prof. Dr. med. Annette Moter
Board certified in Clinical Microbiology (Germany)

Service contact information

+49 (0) 30 8040 5950 | service@moter-diagnostics.com

For further information, please see:

Wiech T, Reinhard L, Wulf S, Giuffrida AE, Longhitano E, Caruso R, Gröne HJ, Stahl RAK, Zipfel PF, Kikhney J, Moter A, Hoxha E, Santoro D. Bacterial infection possibly causing autoimmunity: Tropheryma whipplei and membranous nephropathy. *Lancet*. 2022 Nov 26;400(10366):1882-1883. doi: 10.1016/S0140-6736(22)02039-6.

Moter A, Janneck M, Wolters M, Iking-Konert C, Wiessner A, Loddenkemper C, Hartleben B, Lütgehetmann M, Schmidt J, Langbehn U, Janssen S, Geelhaar-Karsch A, Schneider T, Moos V, Rohde H, Kikhney J, Wiech T. Potential Role for Urine Polymerase Chain Reaction in the Diagnosis of Whipple's Disease. *Clin Infect Dis*. 2019 Mar 19;68(7):1089-1097. doi: 10.1093/cid/ciy664.

Moter A, Schmiedel D, Petrich A, Wiessner A, Kikhney J, Schneider T, Moos V, Göbel UB, Reischl U. Validation of an rpoB gene PCR assay for detection of Tropheryma whipplei: 10 years' experience in a National Reference Laboratory. *J. Clin. Microbiol*. 2013, 51(11):3858-61. doi: 10.1128/JCM.01703-13.

Geissdörfer W*, Moos V*, Moter A*, Loddenkemper C, Jansen A, Tandler R, Morguet AJ, Fenollar F, Raoult D, Bogdan C, Schneider T. High frequency of Tropheryma whipplei in culture-negative endocarditis. *J Clin Microbiol*. 2012 Feb;50(2):216-22. *shared first authorship