

Patient*in:

BNITM-Labornummer:

| Virus (Serotyp) | Antikörpernachweis | Virus-Direktnachweis |
|--|--|--|
| Flaviviren | | <input type="checkbox"/> konventionelle PCR qual. <input type="checkbox"/> Iso |
| Dengue-Virus (Typen 1,2,3,4) | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. <input type="checkbox"/> Antigen-ELISA |
| Gelbfieber-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| West-Nil-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Japanische-Enzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| St. Louis-Enzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Murrayal-Enzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Frühsommer-Meningoenzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Zika-Virus | <input type="checkbox"/> IgG/IgM IIFT/IB ¹ | <input type="checkbox"/> Real-time PCR qual. ² |
| Usutu-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Togaviren (Alphaviren) | | <input type="checkbox"/> konventionelle PCR qual. <input type="checkbox"/> Iso |
| Chikungunya-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual.. |
| O'nyong-nyong-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Sindbis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real Time PCR qual. |
| Ross-River-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Barmah-Forest-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Semliki-Forest-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Mayaro-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Westliche-Pferdeenzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Östliche-Pferdeenzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Venezuelanische-Pferdeenzephalitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Bunyaviren | | <input type="checkbox"/> konventionelle PCR qual. <input type="checkbox"/> Iso |
| Hantaviren - HFRS (renales Syndrom: Dobrava-Belgrade (DOBV), Seoul (SEOV), Hantaan (HTNV), Puumala (PPUV)) | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IB/IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Hantaviren - HPS (kardio-pulmonales Syndrom: Sin Nombre (SNV), Andes (ANDV)) | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IB/IIFT | <input type="checkbox"/> konv. nested PCR qual. |
| Rifttal-Fieber-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| *Krim-Kongo-Hämorrhagisches-Fieber-Virus* | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Oropouche-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Sandfliegen-Fieber-Virus (Sizilien) | | |
| Sandfliegen-Fieber-Virus (Toskana) | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT (3x Antikörper-Testung) | <input type="checkbox"/> Real-time PCR qual. (3 Single PCRs) |
| Sandfliegen-Fieber-Virus (Neapel) | | |
| La Crosse-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Ngari-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Batai-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Tahyna-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Inkoo-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | |
| Arenaviren | | <input type="checkbox"/> konventionelle PCR qual. <input type="checkbox"/> Iso |
| Lymphozytäre-Choriomeningitis-Virus | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| *Lassa-Virus* | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| *Junin-Virus* | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| *Guanarito-Virus* | | <input type="checkbox"/> Real-time PCR qual. |
| *Machupo-Virus* | | <input type="checkbox"/> Real-time PCR qual. |
| *Filoviren* | | <input type="checkbox"/> konventionelle PCR qual. <input type="checkbox"/> Iso |
| *Ebola-Virus* | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| *Marburg-Virus* | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. |
| Pockenviren | | |
| Orthopockenviren | | <input type="checkbox"/> Real-time PCR qual. ¹ Wundabstr. o. Kruste, ² EDTA-Vollblut |
| Affenpockenviren | | <input type="checkbox"/> Real-time PCR qual. ¹ Wundabstr. o. Kruste, ² EDTA-Vollblut |
| Paramyxoviren | | |
| *Nipah-Virus* | | <input type="checkbox"/> Real-time PCR qual. |
| Rhabdoviren | | <input type="checkbox"/> konventionelle PCR qual. <input type="checkbox"/> Iso |
| Tollwutviren (Typen 1, 5, 6) | | <input type="checkbox"/> Real-time PCR qual. |
| Retroviren | | |
| Humanes T-Zell-lymphotropes-Virus (HTLV 1 und 2) | <input type="checkbox"/> IgG <input type="checkbox"/> IgM EIT | <input type="checkbox"/> Real-time PCR qual. ³ EDTA-Blut! |
| Bornaviren | | |
| Variogated Squirrel Bornavirus (VSBV-1) | <input type="checkbox"/> IgG IIFT/IB | <input type="checkbox"/> Real-time PCR qual. ⁴ Liquor, Hirngewebe! |
| Borna Disease Virus (BoDV-1) | <input type="checkbox"/> IgG IIFT/IB | <input type="checkbox"/> Real-time PCR qual. ⁴ Liquor, Hirngewebe! |
| Coronaviren | | |
| SARS-CoV-02 | <input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT | <input type="checkbox"/> Real-time PCR qual. ⁶ respirator. Material |

(*) Achtung: Anforderungen bei Verdacht auf Virales Hämorrhagisches Fieber erfordern eine vorherige telef. Absprache mit dem BNITM-Laborleiter!

¹ Bestätigungstest

Geeignetes Material: Antikörpernachweis aus 2 ml Serum, Liquor. **Virus-Direktnachweis** aus Serum, EDTA-Plasma, Liquor, Bioplat, Urin; (²Zika-Virus - 20 ml Urin), ³ EDTA-Vollblut, ⁴ Liquor, Hirngewebe, ⁵ 2 ml Serum, ⁶ respiratorisches Material (naso-oropharyngealer Abstrich, Sputum, BAL) ⁷ Wundabstrich o. Kruste. Möglichkeiten zur Untersuchung aus anderen Materialien bitte telefonisch erfragen.

Abkürzungen: IIFT = Indirekter Immunfluoreszenztest, EIT= Enzymimmuntest, pan = speziesübergreifend, RT-PCR = Reverse Transkriptase Polymerase Kettenreaktion, Iso = Virusisolierung, IB = Immunoblot, qual.= qualitativer Nachweis, quant.= quantitativer Nachweis