

Patient*in:

BNITM-Labornummer:

Virus (Serotyp)	Antikörpernachweis	Virus-Direktnachweis
Flaviviren		<input type="checkbox"/> pan RT-PCR qual. <input type="checkbox"/> EM <input type="checkbox"/> Iso
Dengue-Virus (Typen 1,2,3,4)	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual. <input type="checkbox"/> Antigen-ELISA
Gelbfieber-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT <input type="checkbox"/> Neutralisationstest ⁵	<input type="checkbox"/> RT-PCR qual.
West-Nil-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Japanische-Enzephalitis-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT <input type="checkbox"/> Neutralisationstest ⁵	<input type="checkbox"/> RT-PCR qual.
St. Louis-Enzephalitis-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Murraytal-Enzephalitis-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Frühsommer-Meningoenzephalitis-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Zika-Virus	<input type="checkbox"/> IgG/IgM IIFT/IB ¹	<input type="checkbox"/> RT-PCR qual. ²
Usutu-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Togaviren (Alphaviren)		<input type="checkbox"/> pan RT-PCR qual. <input type="checkbox"/> EM <input type="checkbox"/> Iso
Chikungunya-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-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"/> RT-PCR qual.
Ross-River-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT <input type="checkbox"/> Neutralisationstest ⁵	
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"/> pan RT-PCR qual. <input type="checkbox"/> EM <input type="checkbox"/> Iso
Hantaviren (Puumala/Dobrava-Belgrad/Hantaan/Sin Nombre)	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IB/IIFT	<input type="checkbox"/> RT-PCR qual.
Riftal-Fieber-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Krim-Kongo-Hämorrhagisches-Fieber-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Oropouche-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Sandfliegen-Fieber-Virus (Sizilien/Toskana/Neapel)	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
La Crosse-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Ngari-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Batai-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Tahyna-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Inkoo-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Madrid-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	
Arenaviren		<input type="checkbox"/> pan RT-PCR qual. <input type="checkbox"/> EM <input type="checkbox"/> Iso
Lymphozytäre-Choriomeningitis-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Lassa-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Junin-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Guanarito-Virus		<input type="checkbox"/> RT-PCR qual.
Machupo-Virus		<input type="checkbox"/> RT-PCR qual.
Filoviren		<input type="checkbox"/> pan RT-PCR qual. <input type="checkbox"/> EM <input type="checkbox"/> Iso
Ebola-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Marburg-Virus	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IIFT	<input type="checkbox"/> RT-PCR qual.
Paramyxoviren		
Nipah-Virus		<input type="checkbox"/> RT-PCR qual.
Rhabdoviren		<input type="checkbox"/> pan RT-PCR qual. <input type="checkbox"/> EM <input type="checkbox"/> Iso
Tollwutviren (Typen 1, 5, 6)		<input type="checkbox"/> RT-PCR qual.
Hepeviren		<input type="checkbox"/> EM
Hepatitis-E-Virus (Typen 1,2,3,4)	<input type="checkbox"/> IgG <input type="checkbox"/> IgM IB	<input type="checkbox"/> RT-PCR qual.
Retroviren		
Humanes T-Zell-lymphotropes-Virus (HTLV 1 und 2)	<input type="checkbox"/> IgG <input type="checkbox"/> IgM EIT	<input type="checkbox"/> RT-PCR qual. ³ EDTA-Blut!
Bornaviren		
Variegated Squirrel Bornavirus (VSBV-1)	<input type="checkbox"/> IgG IIFT/IB	<input type="checkbox"/> RT-PCR qual. ⁴ Liquor, Hirngewebe!
Borna Disease Virus (BoDV-1)	<input type="checkbox"/> IgG IIFT/IB	<input type="checkbox"/> RT-PCR qual. ⁴ Liquor, Hirngewebe!

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

Geeignetes Material: Antikörpernachweis aus 2 ml Serum, Liquor. **Virus-Direktnachweis** aus Serum, EDTA-Plasma, Liquor, Bioplat, Urin (Zika-Virus - 20 ml Urin), ³ EDTA-Blut, ⁴ Liquor, Hirngewebe, ⁵ 2 ml Serum. Möglichkeiten zur Untersuchung aus anderen Materialien bitte telefonisch erfragen.

Abkürzungen: IIFT = Indirekter Immunfluoreszenztest, EIT = Enzymimmuntest, pan = speziesübergreifend, RT-PCR = Reverse Transkriptase Polymerase Kettenreaktion, EM = Elektronenmikroskopie (nicht akkreditiert!), Iso = Virusisolierung, ¹ IB = Immunoblot-Bestätigungstest, qual.= qualitativer Nachweis, quant.= quantitativer Nachweis