



## Nachweis von organspezifischen Antikörpern (AK) / Autoantikörpern (AAK)

<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Colon</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (Schleimhaut)</li> <li style="background-color: #cccccc;"><input type="checkbox"/> <i>Saccharomyces cerevisiae</i> (ASCA)</li> </ul> </li> <li><input type="checkbox"/> <b>Granulozyten (ANCA)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (cANCA, pANCA, xANCA)</li> <li><input type="checkbox"/> PR3 (Proteinase 3)</li> <li><input type="checkbox"/> MPO (Myeloperoxidase)</li> </ul> </li> <li><input type="checkbox"/> <b>Haut</b> (Basalmembran, interzelluläre Substanz)</li> <li><input type="checkbox"/> <b>Hypophyse</b></li> <li><input type="checkbox"/> <b>Lunge</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (Alveolarbasalmembran)</li> <li><input type="checkbox"/> NC1 (Goodpasture-Antigen)</li> </ul> </li> <li><input type="checkbox"/> <b>Magen</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (Belegzellen)</li> <li><input type="checkbox"/> IF (Intrinsic-Factor)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Motorische Endplatten</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening</li> <li><input type="checkbox"/> <math>\alpha</math> – Kette Acetylcholinrezeptoren</li> <li><input type="checkbox"/> MUSK (Skelettmuskel Rezeptor Tyrosinkinase)</li> </ul> </li> <li><input type="checkbox"/> <b>Muskulatur</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> quergestreifte Skelettmuskulatur</li> <li style="background-color: #cccccc;"><input type="checkbox"/> Titin (Sarkomer-Protein)</li> <li><input type="checkbox"/> Herz - Muskulatur</li> </ul> </li> <li><input type="checkbox"/> <b>Nebenniere</b></li> <li><input type="checkbox"/> <b>Nebenschilddrüse</b></li> <li><input type="checkbox"/> <b>Nervensystem</b> <ul style="list-style-type: none"> <li style="background-color: #cccccc;"><input type="checkbox"/> Peripherer Nerv, Screening</li> <li style="background-color: #cccccc;"><input type="checkbox"/> ZNS (Amphiph., CV2, Hu, PNMA2, Ri, Yo)</li> </ul> </li> <li><input type="checkbox"/> <b>Niere</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (Glomerulusbasalmembran)</li> <li><input type="checkbox"/> NC1 (Goodpasture-Antigen)</li> <li><input type="checkbox"/> PLA2-R (Phospholipase-A2-Rezeptor)</li> </ul> </li> <li><input type="checkbox"/> <b>Ovar</b></li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Pankreas</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> endokrin                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (ICA, Inselzellen)</li> <li><input type="checkbox"/> GAD-2 / 65 (Glutamatdecarboxylase)</li> <li><input type="checkbox"/> IA-2 (Tyrosin-Phosphatase in <math>\beta</math>-Zellen)</li> <li><input type="checkbox"/> Insulin (IAA)</li> </ul> </li> <li><input type="checkbox"/> exokrin                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (Acini)</li> </ul> </li> </ul> </li> <li><input type="checkbox"/> <b>Parotis</b> (Ausführungsgänge)</li> <li><input type="checkbox"/> <b>Schilddrüse</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> TG (Thyreoglobulin)</li> <li><input type="checkbox"/> TPO (Thyreoidale-Peroxidase)</li> <li><input type="checkbox"/> TRAK (TSH-Rezeptor)</li> </ul> </li> <li><input type="checkbox"/> <b>Spermatozoa</b></li> <li><input type="checkbox"/> <b>Thrombozyten</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening</li> <li><input type="checkbox"/> Medikamenten-modifizierte Thrombozyten (Serum und Medikament einsenden)</li> </ul> </li> </ul>
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## Nachweis von nicht-organspezifischen Antikörpern (AK) / Autoantikörpern (AAK)

<p><b>Antinukleäre AAK bei KLARER Symptomatik</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ANA Screening (HEp-2)</li> <li><input type="checkbox"/> ANA gegen ds DNS (<i>Crithidia luciliae</i>)</li> <li><input type="checkbox"/> ANA-Subset-Block <u>großes</u> Panel CENP-B, DFS 70, ds DNS, RIBP, Histone, Jo-1, Ku, Mi-2, Nucleosomen, PM-Scl, PCNA, Scl 70, Sm-ENA, Sm/sn RNP-ENA, SS-A/Ro, SS-B/La</li> <li><input type="checkbox"/> ANA-Subset-Block <u>kleines</u> Panel CENP-B, DFS 70, Scl 70, Sm-ENA, Sm/sn RNP-ENA, SS-A/Ro, SS-B/La</li> </ul> <p><b>ANA bei UNKLARER Symptomatik</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Antinukleäre AAK (ANA) Stufendiagnostik durch Dr. N. Wick</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Endomysium</b> (Zöliakie)                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (EMA)</li> <li><input type="checkbox"/> tTG (tissue Transglutaminase)</li> </ul> </li> <li><input type="checkbox"/> <b>Glatte Muskulatur (SMA)</b></li> <li><input type="checkbox"/> <b>Mitochondrien / Leber-Pankreas</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Screening (AMA)</li> <li><input type="checkbox"/> M2 (Pyruvat-Dehydrogenase, PDH)</li> <li style="background-color: #cccccc;"><input type="checkbox"/> M2-3E (PDH plus 2 weitere Enzyme)</li> <li><input type="checkbox"/> LKM (Liver/Kidney-Mikrosomen)</li> <li><input type="checkbox"/> LC-1 (Leber-Cytosol Antigen)</li> <li><input type="checkbox"/> SLA/LP (lösliches Leber/Leber-Pankreas Antigen)</li> <li><input type="checkbox"/> F-Aktin (filamentöses Aktin)</li> <li><input type="checkbox"/> GP210 (Glykoprotein 210/Nucleoporin)</li> <li><input type="checkbox"/> SP100 (Nukleäres Antigen)</li> <li style="background-color: #cccccc;"><input type="checkbox"/> PML (Promyelozytäres Leukämie-Protein)</li> </ul> </li> <li><input type="checkbox"/> <b>Anti Phospholipid AK (APLA)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Cardiolipin (3 ml Serum)</li> <li><input type="checkbox"/> <math>\beta</math>2-Glykoprotein I</li> <li><input type="checkbox"/> Lupusantikoagulans (3 ml Citratblut, V)</li> </ul> </li> <li><input type="checkbox"/> <b>Retikulinfasern</b></li> </ul>
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## Rheumaserologie

- Rheumafaktor
- hs CRP (high sensitivity C-reaktives Protein)
- ASLO (anti-Streptolysin O)
- anti - CCP (cycl. citrulliniertes Peptid) AAK

## Biopsie / Operationsmaterial

(10% Formalin oder Transportpuffer von uns anfordern) V

- Haut     Muskel     Lunge
- Niere     Darm
- anderes Material:

## Immunologische Genetik

- HLA-DQ2/DQ8 (Zöliakie) V
- HLA-B27 (Axiale Spondylarthritiden, M. Bechterew) V

## Spezielle Immunologie

<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Immunfixation</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Serum</li> <li><input type="checkbox"/> Liquor, Gelenksflüssigkeit, Exsudat</li> <li><input type="checkbox"/> andere Probe:.....</li> </ul> </li> <li><input type="checkbox"/> <b>Bence-Jones-Proteine</b> (50 ml Harn)</li> <li><input type="checkbox"/> <b>Freie leichte Ketten (Kappa / Lambda)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Serum    <input type="checkbox"/> Harn    <input type="checkbox"/> Liquor</li> </ul> </li> <li><input type="checkbox"/> <b>Immunelektrophorese</b></li> <li><input type="checkbox"/> <b>Trypsase</b></li> <li><input type="checkbox"/> <b>Immunglobulin-Konzentration</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Serum    <input type="checkbox"/> andere Probe:</li> <li><input type="checkbox"/> IgG</li> <li><input type="checkbox"/> IgM .....</li> <li><input type="checkbox"/> IgA</li> </ul> </li> <li><input type="checkbox"/> <b>IgG-Subklassen 1-4</b></li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Kälteagglutinine</b> (1 ml Serum, V)</li> <li><input type="checkbox"/> <b>Komplement</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> C3</li> <li><input type="checkbox"/> C4</li> <li><input type="checkbox"/> CH 100 (gefroren, V)</li> <li><input type="checkbox"/> C1 Inhibitor (quantitativ und funktionell; Citratplasma gefroren, V)</li> </ul> </li> <li><input type="checkbox"/> <b>Kryoglobuline</b> (1 ml Serum und 1 ml Citratblut, V)</li> <li><input type="checkbox"/> <b>Neopterin</b></li> <li><input type="checkbox"/> <b>Prokollagen III</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Serum</li> <li><input type="checkbox"/> Bronchial-Alveolar-Lavage (BAL)</li> </ul> </li> <li><input type="checkbox"/> <b>zirkulierende Immunkomplexe (CIC)</b></li> </ul>
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## Monitoring von Patienten mit Fremdkörperimplantaten

- Prokollagen III
- Zirkulierende Immunkomplexe (CIC)
- Lösliches interzelluläres Adhäsionsmolekül-1 (sICAM-1)

**Bei positiven Screening-Tests Folgeuntersuchungen anschließen**

## Zytokine

<ul style="list-style-type: none"> <li><input type="checkbox"/> Lösliches interzelluläres Adhäsionsmolekül-1 (sICAM-1)</li> </ul>	<ul style="list-style-type: none"> <li style="background-color: #cccccc;"><input type="checkbox"/> Zytokine der zellulären Immunität</li> <li style="background-color: #cccccc;"><input type="checkbox"/> Zytokine der humoralen Immunität</li> </ul>
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V ... Bitte beachten Sie die Versandvorschriften auf der Vorderseite!

**Grau hinterlegte Untersuchungen werden direkt mit dem Patienten verrechnet!**