

**The Appendix is an integral part of  
Certificate of Accreditation No. 377/2021 of 15/07/2021**

**Accredited entity according to ČSN EN ISO 15189:2013:**

**Rheumatologický ústav (Rheumatology Institute)  
Clinical Immunology Department (CID)  
Na Slupi 450/4, Nové Město, 128 50 Praha 2**

**Medical laboratory locations:**

- |  |  |
|--|--|
| 1. <b>Clinical Immunology Laboratory</b> | Na Slupi 450/4, Nové Město, 128 50 Praha 2 |
| 2. <b>Flow Cytometry Laboratory</b>      | Na Slupi 450/4, Nové Město, 128 50 Praha 2 |

**1. Clinical Immunology Laboratory**

**Examination:**

| Ordinal number                                     | Examination procedure name   | Examination procedure identification | Examined object |
|--|--|--------------------------------------|-----------------|
| <b>813 - Allergology and Immunology Laboratory</b> |  |                                      |                 |
| 1.   | Determination of IgG rheumatoid factor by ELISA method – manually [RF IgG ELISA]   | I-SOPA-4                             | Serum           |
| 2.   | Determination of IgG rheumatoid factor by ELISA method – DSX analyzer [RF IgG ELISA]   | I-SOPA-7                             | Serum           |
| 3.   | Determination of IgA rheumatoid factor by ELISA method – manually [RF IgA ELISA]   | I-SOPA-3                             | Serum           |
| 4.   | Determination of IgA rheumatoid factor by ELISA method – DSX analyzer [RF IgA ELISA]   | I-SOPA-6                             | Serum           |
| 5.   | Determination of IgM rheumatoid factor by ELISA method – manually [RF IgM ELISA]   | I-SOPA-5                             | Serum           |
| 6.   | Determination of IgM rheumatoid factor by ELISA method – DSX analyzer [RF IgM ELISA]   | I-SOPA-8                             | Serum           |
| 7.   | Determination of IgG isotype antibodies against cyclic citrullinated peptide (CCP) by ELISA method – manually [CCP ELISA]        | I-SOPA-9                             | Serum           |
| 8.   | Determination of IgG isotype antibodies against cyclic citrullinated peptide (CCP) by ELISA method – DSX analyzer [CCP ELISA]    | I-SOPA-10                            | Serum           |
| 9.   | Determination of anti-nuclear antibodies by indirect immunofluorescence method – manually [Anti-nuclear antibodies ANP]          | I-SOPA-26                            | Serum           |
| 10.  | Determination of anti-nuclear antibodies by indirect immunofluorescence method – AFT 2000 analyzer [Anti-nuclear antibodies ANP] | I-SOPA-54                            | Serum           |
| 11.  | Determination of ds DNA antibodies by indirect immunofluorescence method [anti ds DNA antibodies IF]                             | I-SOPA-27                            | Serum           |
| 12.  | Determination of IgG anti-nucleosome antibodies by ELISA method [Anti-nucleosome antibodies]                                     | I-SOPA-22                            | Serum           |
| 13.  | Determination of IgG anti ds DNA antibodies by ELISA method – manually [Anti ds DNA ELISA]                                       | I-SOPA-12                            | Serum           |
| 14.  | ANA typing by Line Immuno Assay method – LIA – manually [LIA*]   | I-SOPA-29                            | Serum           |
| 15.  | ANA typing by Line Immuno Assay method – LIA – Profiblot 48 analyzer [LIA*]  | I-SOPA-53                            | Serum           |

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| Ordinal number | Examination procedure name   | Examination procedure identification | Examined object |
|----------------|--|--------------------------------------|-----------------|
| 16.            | Determination of anti-neutrophil cytoplasmic antibodies (ANCA) by indirect immunofluorescence method – ethyl alcohol [ANCA IF]   | I-SOPA-28                            | Serum           |
| 17.            | Determination of anti-neutrophil cytoplasmic antibodies (ANCA) by indirect immunofluorescence method – formalin [ANCA IF]  | I-SOPA-55                            | Serum           |
| 18.            | Determination of anti-neutrophil cytoplasmic antibodies (ANCA) by ELISA method - determination of anti-proteinase 3 antibodies (PR3) by ELISA method [ANCA profile ELISA anti PR3] | I-SOPA-23                            | Serum           |
| 19.            | Determination of anti-neutrophil cytoplasmic antibodies (ANCA) by ELISA method - determination of myeloperoxidase antibodies (MPO) by ELISA method [ANCA profile ELISA anti MPO]   | I-SOPA-24                            | Serum           |
| 20.            | Determination of IgG anti-cardiolipin antibodies (ACLA) by ELISA method – manually [Anti cardiolipin antibodies IgG]   | I-SOPA-14                            | Serum           |
| 21.            | Determination of IgG anti-cardiolipin antibodies (ACLA) by ELISA method – DSX analyzer [Anti cardiolipin antibodies IgG]   | I-SOPA-15                            | Serum           |
| 22.            | Determination of IgM anti-cardiolipin antibodies (ACLA) by ELISA method - manually [Anti cardiolipin antibodies IgM]   | I-SOPA-16                            | Serum           |
| 23.            | Determination of IgM anti-cardiolipin antibodies (ACLA) by ELISA method – DSX analyzer [Anti cardiolipin antibodies IgM]   | I-SOPA-17                            | Serum           |
| 24.            | Determination of IgG isotype beta-2-glycoprotein 1 antibodies by ELISA method – manually [AB/Beta-2 GPI IgG EI]  | I-SOPA-18                            | Serum           |
| 25.            | Determination of IgG isotype beta-2-glycoprotein 1 antibodies by ELISA method – DSX analyzer [AB/Beta-2 GPI IgG EI]  | I-SOPA-19                            | Serum           |
| 26.            | Determination of IgM isotype beta-2-glycoprotein 1 antibodies by ELISA method – manually [AB/Beta-2 GPI IgM EI]  | I-SOPA-20                            | Serum           |
| 27.            | Determination of IgM isotype beta-2-glycoprotein 1 antibodies by ELISA method – DSX analyzer [AB/Beta-2 GPI IgM EI]  | I-SOPA-21                            | Serum           |
| 28.            | Determination of IgG anti ds DNA antibodies by ELISA method – DSX analyzer [Anti ds DNA ELISA]   | I-SOPA-13                            | Serum           |
| 29.            | Determination of anti-MCV by ELISA method [Anti-MCV IgG]   | I-SOPA-62                            | Serum           |
| 30.            | Determination of anti-endomysial antibodies by IF method [Anti-endomysial antib. IF]   | I-SOPA-69                            | Serum           |

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Clinical Immunology Department (CID)  
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| Ordinal number                    | Examination procedure name   | Examination procedure identification | Examined object |
|-----------------------------------|--|--------------------------------------|-----------------|
| 31.                               | Determination of IgG deamidated gliadin peptide (DGP) antibodies by ELISA method – Alegria analyzer [Anti-DGP antib. IgG]      | I-SOPA-65                            | Serum           |
| 32.                               | Determination of IgA deamidated gliadin peptide (DGP) antibodies by ELISA method – Alegria analyzer [Anti-DGP antib. IgA]      | I-SOPA-65                            | Serum           |
| 33.                               | Determination of IgG tissue transglutaminase (TGA) antibodies by ELISA method – Alegria analyzer [Transglutaminase antib. IgG] | I-SOPA-67                            | Serum           |
| 34.                               | Determination of IgA tissue transglutaminase (TGA) antibodies by ELISA method – Alegria analyzer [Transglutaminase antib. IgA] | I-SOPA-67                            | Serum           |
| 35.                               | Determination of CIC by C1q binding by ELISA method [Determination of CIC by C1q binding ELI]                                  | I-SOPA-63                            | Serum           |
| 36.                               | Determination of anti C1q by ELISA method [Anti-C1q antibodies ELISA IgG]  | I-SOPA-61                            | Serum           |
| 37.                               | Determination of rheumatoid factor (RF) by ELISA screening method – manually [RF screen]                                       | I-SOPA-103                           | Serum           |
| <b>802 - Medical Microbiology</b> |  |                                      |                 |
| 1.                                | Determination of gamma interferon production by QFN TB Gold method [QuantiFERON – TB Gold ELISA]                               | I-SOPA-25                            | Plasma          |
| 2.                                | Determination of IgG Borrelia species antibodies by ELISA method. [Borrelia sp. IgG ELISA]                                     | I-SOPA-39                            | Serum           |
| 3.                                | Determination of IgM Borrelia species antibodies by ELISA method [Borrelia sp. IgM ELISA]                                      | I-SOPA-40                            | Serum           |
| 4.                                | Determination of IgM Borrelia garinii antibodies by ELISA method [Borrelia garinii IgM ELISA]                                  | I-SOPA-48                            | Serum           |
| 5.                                | Determination of IgG Borrelia garinii antibodies by ELISA method [Borrelia garinii IgG ELISA]                                  | I-SOPA-47                            | Serum           |
| 6.                                | Determination of IgM Borrelia afzelii antibodies by ELISA method [Borrelia afzelii IgM ELISA]                                  | I-SOPA-44                            | Serum           |
| 7.                                | Determination of IgG Borrelia afzelii antibodies by ELISA method [Borrelia afzelii IgG ELISA]                                  | I-SOPA-43                            | Serum           |
| 8.                                | Determination of IgG Borrelia species antibodies by Western Blot method – manually [WB Borrelia sp. IgG ]                      | I-SOPA-49                            | Serum           |
| 9.                                | Determination of IgG Borrelia species antibodies by Western Blot method –Dynablot analyzer [WB Borrelia sp. IgG ]              | I-SOPA-50                            | Serum           |
| 10.                               | Determination of IgM Borrelia species antibodies by Western Blot method – manually [WB Borrelia sp. IgM]                       | I-SOPA-51                            | Serum           |
| 11.                               | Determination of IgM Borrelia species antibodies by Western Blot method – Dynablot analyzer [WB Borrelia sp. IgM]              | I-SOPA-52                            | Serum           |

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| Ordinal number | Examination procedure name   | Examination procedure identification | Examined object |
|----------------|--|--------------------------------------|-----------------|
| 12.            | Determination of IgA Chlamydia species by ELISA method [Chlamydia IgA ELISA]           | I-SOPA-85                            | Serum           |
| 13.            | Determination of IgG Chlamydia species by ELISA method [Chlamydia IgG ELISA]           | I-SOPA-86                            | Serum           |
| 14.            | Determination of IgA Chlamydia pneumoniae by ELISA method [Chlamydia pneumoniae IgA]   | I-SOPA-87                            | Serum           |
| 15.            | Determination of IgG Chlamydia pneumoniae by ELISA method [Chlamydia pneumoniae IgG]   | I-SOPA-88                            | Serum           |
| 16.            | Determination of IgA Chlamydia trachomatis by ELISA method [Chlamydia trachomatis IgA] | I-SOPA-89                            | Serum           |
| 17.            | Determination of IgG Chlamydia trachomatis by ELISA method [Chlamydia trachomatis IgG] | I-SOPA-90                            | Serum           |
| 18.            | Determination of IgA Chlamydia species by Western blot method [Chlamydia sp. Blot IgA] | I-SOPA-91                            | Serum           |
| 19.            | Determination of IgG Chlamydia species by Western blot method [Chlamydia sp. Blot IgG] | I-SOPA-92                            | Serum           |
| 20.            | Determination of IgM CMV antibodies by ELISA – CHORUS method [CMV IgM ELISA]           | I-SOPA-95                            | Serum           |
| 21.            | Determination of IgG CMV antibodies by ELISA – CHORUS method [CMV IgG ELISA]           | I-SOPA-95                            | Serum           |
| 22.            | Determination of IgM EBV – VCA antibodies by ELISA – CHORUS method [EBV VCA IgM ELISA] | I-SOPA-96                            | Serum           |
| 23.            | Determination of IgG EBV – VCA antibodies by ELISA – CHORUS method [EBV VCA IgG ELISA] | I-SOPA-96                            | Serum           |
| 24.            | Determination of IgG EBV-EBNA antibodies by ELISA – CHORUS method [EBV EBNA IgG ELISA] | I-SOPA-96                            | Serum           |
| 25.            | Determination of IgM EBV – EA antibodies by ELISA – CHORUS method [EBV EA IgM ELISA]   | I-SOPA-96                            | Serum           |
| 26.            | Determination of IgG EBV – EA antibodies by ELISA – CHORUS method [EBV EA IgG ELISA]   | I-SOPA-96                            | Serum           |

Names in parentheses [...] are the names of examinations shown in the reports.

**Explanatory notes:**

- \* antibody profile: LIA anti Ro52, LIA anti Ro60, LIA anti La, LIA anti SmD1, LIA anti Jo-1, LIA anti P-protein, LIA anti CENP B, LIA anti-histones, LIA anti Scl-70, LIA anti PCNA, LIA anti dsDNA, LIA anti nukleosomes, LIA anti U1-snRNP, LIA anti PM-Scl 100, LIA anti-Mi2, LIA anti Ku 70/80, LIA anti AMA M2.

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**Revmatologický ústav (Rheumatology Institute)  
Clinical Immunology Department (CID)  
Na Slupi 450/4, Nové Město, 128 50 Praha 2**

**2. Flow Cytometry Laboratory**

**Examinations:**

| Ordinal number                                     | Examination procedure name  | Examination procedure identification | Examined object    |
|--|---|--------------------------------------|--------------------|
| <b>813 - Allergology and Immunology Laboratory</b> |   |                                      |                    |
| 1.   | Immunophenotyping of lymphocyte subpopulations by flow cytometry method – CD19 [CD19] , CD3, [CD3], CD4 [CD4], CD8 [CD8], CD19 abs [CD19abs], CD3 abs [CD3 abs], CD4 abs [CD4 abs], CD8 abs [CD8 abs], NK [NK], NK abs [NK abs] | I-SOPA-93                            | Incoagulable blood |
| 2.   | Determination of HLA B 27 by flow cytometry method [HLA B27]  | I-SOPA-94 A                          | Incoagulable blood |
| 3.   | Determination of HLA B7 by flow cytometry method [HLA B7]   | I-SOPA-94 B                          | Incoagulable blood |

Names in parentheses [...] are the names of examinations shown in the reports.