

**The Appendix is an integral part of  
Certificate of Accreditation No. 481/2021 of 09/09/2021**

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

**Fakultní nemocnice v Motole**

Laboratory Centre of the Department of Paediatric Haematology and Oncology  
Second Faculty of Medicine, Charles University and University Hospital Motol  
CLIP Laboratory Centre  
V Úvalu 84/1, 15006 Praha 5

**Examinations:**

Ordinal number	Examination procedure name	Examination procedure identification	Tested object
<b>813 – Allergology and Immunology Laboratory</b>			
1.	Determination of lymphocyte subpopulations (CD3+, CD4+, CD8+, CD19+, CD16,56+) in peripheral blood using flow cytometry	SOPm_012	Peripheral blood
2.	Immunophenotyping of leukemias in bone marrow, peripheral blood, effusion, and cerebrospinal fluid samples	SOPm_013	Bone marrow, peripheral blood, effusion, and cerebrospinal fluid
3.	Determination of CD34+ cells in bone marrow, peripheral blood, umbilical cord blood, and apheresis products using flow cytometry (ISHAGE)	SOPm_016	Bone marrow, peripheral blood, umbilical cord blood, and apheresis products
4.	Determination of minimal residual disease in B precursor ALL using flow cytometry	SOPm_006	Bone marrow, peripheral blood, effusion, and cerebrospinal fluid
<b>816 – Medical Genetics Laboratory</b>			
1.	Laboratory testing for the presence of minimal residual disease using DNA-based RQ-PCR for clonal rearrangements of Ig / TCR defined by massive parallel sequencing (NGS)	SOPm_01	Bone marrow, peripheral blood, and cerebrospinal fluid

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**Annotation:**

Detailed specification of individual procedures:

SOPm\_012: Tested parameters: CD3, CD4 (CD3+CD4+), CD8 (CD3+CD8+), CD19, CD3-16,56+ including additional markers for extended immunophenotyping of lymphocytes

SOPm\_013: Tested parameters: CD45, CD3, CD4, CD8, CD5, CD7, CD99, intra-CD3, intra-MPO, intra-Lysozyme, CD15, CD117, CD11b, CD11c, CD14, CD33, CD19, CD10, CD20, CD34, CD38, CD81, CD56, CD66c, HLA-DR, intra-CD22, intra-CD79a, and intra-TdT including additional markers specific for leukemia of B-lymphoid, T-lymphoid, or myeloid origin.

SOPm\_016: Tested parameters: CD34, CD45, CD3, CD4, CD8

SOPm\_006: Tested parameters: CD10, CD19, CD20, CD34, CD38, CD45, CD81 including additional markers of immunophenotype of leukemia blasts examined in the diagnosis according to SOPm\_013