The Appendix is an integral part of
Certificate of Accreditation No. 769/2015 of 13/11/2015

Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Brno
Centre of Molecular Biology and Gene Therapy
Černopolní 9, Brno 613 00

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
813 - Allergology and Immunology Laboratory			
1	Detection of PNH clone characterized by the occurrence of combinations of $GlyA^{+}CD59^{-}$ or $CD14^{-}$ $CD64^{++}Flaer^{-}$ or $CD15^{+}24^{-}$ $Flaer^{-}$ surface antigens on peripheral blood cells by flow cytometry	SA/CMBGT/F0001	Peripheral blood
2.	Detection of CLL residual clone by flow cytometry according to modified Rawstron protocol[a]	SA/CMBGT/F0003	Peripheral blood Bone marrow
816 - Medical Genetics Laboratory			
1	Molecular diagnostics of phenylketonuria by PCR method and sequencing	SA/CMBGT/MN001/A	Biological material containing human nuclear DNA
2.	Molecular diagnostics of phenylketonuria by MLPA method	SA/CMBGT/MN001/B	Biological material containing human nuclear DNA
3.	Sanger sequencing of ATP7B gene for the detection of Wilson disease	SA/CMBGT/MN002	Biological material containing human nuclear DNA
4.	Examination of the translocation t(11;14) with break at MTC by two-round PCR	SA/CMBGT/L0001	Biological material containing human nuclear DNA
5.	Examination of CMV DNA by RQ-PCR method	SA/CMBGT/V0001	Biological material containing human nuclear DNA
6.	Examination of BCR-ABL fusion gene from RNA by RT-PCR[b] and RT-RQ-PCR[c] method and detection of BCR-ABL fusion gene kinase domain point mutations by sequencing	SA/CMBGT/O0001	Biological material containing human nuclear RNA

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
7.	Examination of NPM1 gene mutations by fragment analysis, sequencing and RQ-PCR	SA/CMBGT/O0002	Biological material containing human nuclear DNA
8.	Examination of KRAS gene mutations by sequencing and KRAS-XL StripAssay (ViennaLab) and Cobas KRAS Mutation Test (Roche) diagnostic kits	SA/CMBGT/O0003	Biological material containing human nuclear DNA
9.	Examination of EGFR gene mutations by sequencing and EGFR StripAssay (ViennaLab) and Cobas EGFR Mutation Test (Roche) diagnostic kits	SA/CMBGT/O0004	Biological material containing human nuclear DNA
10.	Examination of cellular chimerism after allogeneic HSCT by STR-PCR and RQ-PCR method	SA/CMBGT/O0005	Biological material containing human nuclear DNA
11.	Cytogenetic examination of bone marrow and peripheral blood in patients with haematological malignancies	SA/CMBGT/C0001	Bone marrow, peripheral blood
12.	Examination of Fragile X syndrome by RP PCR method (principle: AmplideX™ FMR1 PCR Kit (Asuragen, Inc.)) and fragment analysis	SA/CMBGT/MN005/A	Biological material containing human nuclear DNA
13.	Examination of Fragile X syndrome by Southern Blot method	SA/CMBGT/MN005/B	Biological material containing human nuclear DNA
14.	Examination of translocation t(14;18) - Bcl2/IgH in follicular lymphoma patients by two-round nested PCR	SA/CMBGT/L0002	Biological material containing human nuclear DNA

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
15.	Examination of IGVH gene mutation status by PCR method and sequencing	SA/CMBGT/L0003	Biological material containing human nuclear RNA
16.	Molecular cytogenetic examination by FISH method	SA/CMBGT/C0002	Peripheral blood, bone marrow, solid tumor tissue
17.	Examination of BCR-ABL fusion gene by Xpert BCR-ABL Monitor Kit (Cepheid)[d] diagnostic kit	SA/CMBGT/O0006	Peripheral blood, bone marrow
18.	Examination of CMV DNA by CMV HHV6,7,8 R-gene (Argene) diagnostic kit	SA/CMBGT/V0002	Biological material containing human nuclear DNA
19.	Examination of EBV DNA using EBV R-gene (Argene) diagnostic kit	SA/CMBGT/V0003	Biological material containing human nuclear DNA

[a] Examined markers: CD3,CD5,CD19,CD20,CD22,CD43,CD45,CD79b,CD81

[b] Detected alterations: b2a2 (e13a2), b3a2 (e14a2), e1a2, e19a2 + rare alterations

[c] Detected alterations: b2a2 (e13a2), b3a2 (e14a2), e1a2, e19a2, b3a3 (e14a3) + rare alterations

[d] Detected alterations: b2a2 (e13a2), b3a2 (e14a2)

Explanations:

HSCT – Hematopoietic stem cell transplantation

PNH – Paroxysmal nocturnal hemoglobinuria

RP PCR – Repeat Primed PCR

RQ-PCR – Real-Time Quantitative PCR

RT – Reverse transcription

STR-PCR – Short tandem repeats – PCR