

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

Medical laboratory locations:

- | | |
|--|-----------------------------------|
| 1. Cytogenetics Laboratory - Letná | Kostelní 292/9, 170 00 Praha 7 |
| 2. Molecular Genetics Laboratory | Kostelní 292/9, 170 00 Praha 7 |
| 3. IVF Laboratory – Letná | Kostelní 292/9, 170 00 Praha 7 |
| 4. Cytogenetics Laboratory – Liberec | Liliová 118/1, 460 01 Liberec |
| 5. IVF Laboratory – Liberec | Liliová 118/1, 460 01 Liberec |
| 6. IVF Laboratory – Archa | Na Poříčí 1046/24, 110 00 Praha 1 |
| 7. Immunology Laboratory | Na Poříčí 1046/24, 110 00 Praha 1 |
| 8. Preimplantation Genetic Testing Laboratory | Kostelní 292/9, 170 00 Praha 7 |

1. Cytogenetics Laboratory – Letná

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
816 - Medical Genetics Laboratory			
1.	Examination of karyotype from peripheral blood using banding technique	SOP-CL-001	Peripheral blood
2.	Examination of karyotype from fetal blood using banding technique	SOP-CL-002	Fetal blood
3.	Examination of karyotype from amniotic fluid using banding technique	SOP-CL-003	Amniotic fluid cells
4.	Examination of karyotype from chorionic villi using banding technique	SOP-CL-004	Chorionic villi
5.	Examination of chromosomal cell aberrations using FISH method	SOP-CL-009	Native cytogenetic preparations
6.	Prenatal /postnatal examination by array CGH method	SOP-CL-015	Peripheral blood, amniotic fluid, chorionic villi, umbilical blood, isolated DNA
7.	Prenatal /postnatal examination by SNP array method	SOP-CL-016	Peripheral blood, amniotic fluid, chorionic villi, umbilical blood, isolated DNA

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

2. Molecular Genetics Laboratory

The Laboratory has a flexible scope of accreditation permitted as detailed in the Annex.

Updated list of activities provided within the flexible scope of accreditation is available at the Laboratory and at www.gennet.cz.

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
816 - Medical Genetics Laboratory			
1.	Examination of 13, 18, 21, X and Y chromosome aneuploidies by QF-PCR method using a diagnostic kit	SOP-MGL-001	Amniotic fluid, blood, chorionic villi, fetus tissue
2.	Examination of thrombophilic mutations G1691A (Leiden) in <i>F5</i> gene and G20210A in <i>F2</i> gene, and C677T and A1298C polymorphisms in <i>MTHFR</i> gene by Real-Time PCR method	SOP-MGL-002	Amniotic fluid, blood, buccal smear
3.	Examination of microdeletions in AZFa, AZFb and AZFc areas of Y chromosome long arm by fragment analysis method using a diagnostic kit	SOP-MGL-017	Amniotic fluid, blood
4.	Examination of CFTR gene mutations by ARMS method using a diagnostic kit*	SOP-MGL-004	Amniotic fluid, blood, chorionic villi
5.	Examination of the most common aneuploidies by QF-PCR method using a diagnostic kit	SOP-MGL-016	Amniotic fluid, blood, chorionic villi, fetus tissue
6.	Examination of GJB2 gene (CX26) by PCR amplification method and sequence analysis	SOP-MGL-009	Amniotic fluid, blood, chorionic villi
7.	Examination of gene mutations by MLPA method using a diagnostic kit**	SOP-MGL-010	Blood

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
8.	Examination of fragile X chromosome syndrome (FRAXA) by fragment analysis method using a diagnostic kit	SOP-MGL-011	Amniotic fluid, blood, chorionic villi
9.	Examination of genetic mutations by massive parallel sequencing method***	SOP-MGL-013	Blood
10.	Non-invasive prenatal test of chromosome aneuploidies 13, 18, 21 by massive parallel sequencing method (NIPT)	SOP-MGL-014	Blood
11.	Examination of 35delG mutation in GJB2 gene (CX26) by Real-Time PCR method	SOP-MGL-021	Blood
12.	Determination of HLA types associated with coeliac disease using Real-Time PCR with diagnostic kit	SOP-MGL-022	Blood, buccal smear
13.	Determination of HLA B27 by Real-Time PCR with diagnostic kit	SOP-MGL-023	Blood, buccal smear
14.	Screening for fragile X syndrome (FRAXA) using fragmentation analysis with diagnostic kit	SOP-MGL-024	Amniotic fluid, blood, chorionic villi

Annex:

Flexible scope of accreditation

Examination procedure ordinal numbers
9

The Laboratory is allowed to modify the examination procedures listed in the Annex within the specified scope of accreditation provided the measuring principle is observed.

The flexible approach to the scope of accreditation cannot be applied to the examinations not included in the Annex.

***Examined mutations in CFTR gene:**

S549N, S549R, R553X, G551D, V520F, delI507, delF508, 1717-1G→A, G542X, R560T, 3120+1G→A, A455E, R117H, 394delTT, 2184delA, 2789+5G→A, 1898+1G→A, 621+1G→T, 711+1G→T, G85E, R347P, R347H, W1282X, R334W, 1078delT, 3849+10kbC→T, R1162X, N1303K, 3659delC, 3905insT, CFTRdele2,3(21kb), polymorphism 5/7/9 T in intron 8, 3876delA and 2183AA→G. Elucigene CF-EU2v2 tests also the following mutations: E60X, P67L, 444delA, R117C, Y122X, L206W, 1811+1,6kba→G, 2143delT, 2347delG, W846X, Q890X, 3272-26A→G, R1066C, Y1092X(C→A), M1101K, D1152H, 1677delTA, R1158X, S1251N.

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

****List of examined genes by MLPA method:**

BRCA2, BRCA1, CHEK2, MLH1, MSH2, VHL, SMN1, SMN2

*****List of examined genes:**

NGS panel - CZECANCAAPC; *ATM; BAP1; BARD1; BLM; BMPRIA; BRCA1; BRCA2; BRIP1; CDH1; CDK4; CDKN2A; CHEK2; DICER1; DPYD; EPCAM; EXT1; EXT2; FANCA; FANCB; FANCC; FANCD2; FANCE; FANCF; FANCG; FANCI; FANCL; FANCM; FH; FLCN; GATA2; KIT; MEN1; MET; MLH1; MLH3; MRE11A; MSH2; MSH6; MUTYH; NBN; NF1; NF2; PALB2; POLD1; POLE; PRKAR1A; PTCH1; PTEN; RAD50; RAD51; RAD51C; RAD51D; RB1; RECQL; RET; SDHB; SMAD4; SMARCA4; SMARCB1; STK11; SUFU; TERT; TMEM127; TP53; TSC1; TSC2; VHL; WT1; DIS3L2; PMS2; SBDS; SDHAF2; SDHA; SDHC; SDHD; SLX4; AIP; ALK; BUB1B; CDC73; CDKN1C; CEBPA; EZH2; FBXW7; GPC3; HRAS; KCNQ1OT1; LIG4; MAX; NSD1; PAX6; PHOX2B; PINK1; PTPN11; PHOX2B; RECQL4; RUNX1; SDHAF; SETBP1; SMARCE1; WAS*

NGS panel – CARRIER TEST

ABCA4; ACADM; ACADS; ACADVL; ADGRV1; AGL; ALPL; ANXA5; AR; ARSA; ASL; ASPA; ASS1; ATM; ATP7B; BCHE; BLM; BTD; CBS; CDH23; CFTR; CHRNE; CLRN1; COL4A5; CTNS; CYP21A2; CYP27A1; DHCR7; F2; F5; FAH; FSHR; G6PC; GALT; GBA; GCDH; GJB2; GLA; GLB1; GNPTAB; HADHA; HBB; HEXA; HFE; IDUA; IKBKAP; IL2RG; MCCC1; MCCC2; MEFV; MTHFR; MTM1; MYO7A; NBN; NPC1; NPC2; OTC; PAH; PCDH15; PEX1; PEX10; PEX12; PEX13; PEX14; PEX16; PEX2; PEX6; PEX7; PMM2; SERPINA1; SGSH; SLC26A4; SMN1; SMPD1; TGM1; TPP1; USH1C; USH2A; markers for Y chromosome microdeletion detection: sY14(SRY), sY86 + sY84(AZFa), sY127 + sY134(AZFb), sY254 + sY255(AZFc), DMD.

NGS panel – EXOME

A2M; A2ML1; A4GALT; A4GNT; AAAS; AADAC; AADA2L2; AAGAB; AANAT; AAR2; AARS; AARS2; AASS; ABAT; ABCA1; ABCA10; ABCA12; ABCA13; ABCA2; ABCA3; ABCA4; ABCA5; ABCA7; ABCB1; ABCB11; ABCB4; ABCB5; ABCB6; ABCB7; ABCC1; ABCC10; ABCC11; ABCC12; ABCC2; ABCC3; ABCC4; ABCC5; ABCC6; ABCC8; ABCC9; ABCD1; ABCD2; ABCD3; ABCD4; ABCE1; ABCF1; ABCF3; ABCG1; ABCG2; ABCG4; ABCG5; ABCG8; ABHD12; ABHD14A-ACY1; ABHD5; ABI1; ABI3BP; ABL1; ABL2; ABLIM2; ABLIM3; ABO; ACAA1; ACACA; ACACB; ACAD10; ACAD8; ACAD9; ACADL; ACADM; ACADS; ACADSB; ACADVL; ACAN; ACAT1; ACAT2; ACBD5; ACBD6; ACCS; ACD; ACE; ACER3; ACHE; ACKR1; ACKR3; ACLY; ACO2; ACOT4; ACOT7; ACOX1; ACOX2; ACOX3; ACP1; ACP2; ACP5; ACP6; ACPP; ACR; ACRV1; ACSF3; ACSL4; ACSL5; ACSL6; ACSM2A; ACSM2B; ACSM3; ACSS2; ACTA1; ACTA2; ACTB; ACTC1; ACTG1; ACTG2; ACTL6A; ACTL6B; ACTN1; ACTN2; ACTN3; ACTN4; ACTR3C; ACVR1; ACVR1B; ACVR1C; ACVR2A; ACVR2B; ACVRL1; ACY1; ACYP2; ADA; ADAM10; ADAM12; ADAM15; ADAM17; ADAM19; ADAM22; ADAM23; ADAM33; ADAM7; ADAM9; ADAMTS1; ADAMTS10; ADAMTS13; ADAMTS16; ADAMTS17; ADAMTS18; ADAMTS19; ADAMTS2; ADAMTS3; ADAMTS8; ADAMTSL2; ADAMTSL3; ADAMTSL4; ADAMTSL5; ADAP2; ADAR; ADARB1; ADAT1; ADCK3; ADCK4; ADCY1; ADCY10; ADCY2; ADCY3; ADCY5; ADCY6; ADD1; ADD2; ADD3; ADGRA2; ADGRA3; ADGRB2; ADGRB3; ADGRE2; ADGRF4; ADGRG1; ADGRG2; ADGRG6; ADGRL1; ADGRV1; ADH1A; ADH1B; ADH1C; ADH4; ADH5; ADH7; ADHFE1; ADIPOQ; ADIPOR1; ADK; ADM; ADNP; ADORA1; ADORA3; ADPRHL2; ADRA1A; ADRA2A; ADRA2B; ADRA2C; ADRB1; ADRB2; ADRB3; ADRBK2; ADRM1; ADSL; ADSSLI; ADTRP; AEBP1; AFF2; AFF3; AFF4; AFG3L2; AFP; AGA; AGAP3; AGBL1; AGBL2; AGBL4; AGBL5; AGER; AGGF1; AGK; AGL; AGMO; AGO1; AGO2; AGPAT2; AGPAT5; AGPS; AGRN; AGRP; AGT; AGTPBP1; AGTR1; AGTR2; AGXT; AGXT2; AHCTF1; AHCY; AHDC1; AHII; AHNAK; AHNAK2; AHR; AHRR; AHSG; AHSP; AICDA; AIF1; AIFM1; AIMP1; AIMP2; AIP; AIPL1; AIRE; AK1; AK2; AK5; AK7; AK8; AKAP1; AKAP10; AKAP12; AKAP2; AKAP6; AKAP8; AKAP9; AKR1B1; AKR1C2; AKR1C3; AKR1C4; AKR1D1; AKR7A2; AKR7A3; AKT1; AKT2; AKT3; ALAD; ALAS2; ALB; ALCAM; ALDH16A1; ALDH18A1; ALDH1A1; ALDH1A2; ALDH1A3; ALDH1B1; ALDH1L1; ALDH2; ALDH3A2; ALDH4A1; ALDH5A1; ALDH6A1; ALDH7A1; ALDH9A1; ALDOA; ALDOB; ALG1; ALG10; ALG11; ALG12; ALG13; ALG14; ALG2; ALG3; ALG5; ALG6; ALG8; ALG9; ALK; ALKBH8; ALMS1; ALOX12; ALOX12B; ALOX15; ALOX15B; ALOX5; ALOX5AP; ALOXE3; ALPK1; ALPK3; ALPL; ALPP; ALS2; ALS2CL; ALX1; ALX3; ALX4; AMACR;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

AMBN; AMELX; AMELY; AMER1; AMFR; AMH; AMHR2; AMMECR1; AMN; AMOT; AMPD1; AMPD2; AMPD3; AMT; AMZ2; ANAPC1; ANAPC15; ANGPT1; ANGPT2; ANGPTL3; ANGPTL4; ANGPTL5; ANGPTL6; ANG, RNASE4; ANK1; ANK2; ANK3; ANKH; ANKK1; ANKLE1; ANKLE2; ANKMY2; ANKRD1; ANKRD11; ANKRD12; ANKRD13D; ANKRD17; ANKRD26; ANKRD30A; ANKRD31; ANKRD55; ANKS1A; ANKS1B; ANKS3; ANKS6; ANLN; ANO1; ANO10; ANO3; ANO5; ANO6; ANO7; ANO9; ANTXR1; ANTXR2; ANXA1; ANXA11; ANXA5; AOAH; AOC1; AP1B1; AP1S1; AP1S2; AP1S3; AP2S1; AP3B1; AP3B2; AP3D1; AP4B1; AP4E1; AP4M1; AP4S1; AP5B1; AP5Z1; APAF1; APBA2; APBB1; APBB1IP; APBB2; APBB3; APC; APC2; APCDD1; APEX1; APEX2; APH1A; APH1B; APOA1; APOA1BP; APOA2; APOA4; APOA5; APOB; APOBEC1; APOBEC3B; APOBEC3G; APOBEC3H; APOC1; APOC3; APOC4-APOC2; APOD; APOE; APOH; APOL1; APOL2; APOL3; APOL4; APOM; APOPT1; APP; APPL1; APRT; APTX; AQP1; AQP2; AQP3; AQP4; AQP5; AQP7; AR; ARAF; ARAP3; ARCN1; AREL1; ARF1; ARF4; ARFGF1; ARFGF2; ARG1; ARHGAP10; ARHGAP11A; ARHGAP18; ARHGAP19-SLIT1; ARHGAP20; ARHGAP21; ARHGAP22; ARHGAP24; ARHGAP26; ARHGAP29; ARHGAP31; ARHGAP32; ARHGAP33; ARHGAP35; ARHGAP36; ARHGAP4; ARHGAP6; ARHGAP9; ARHGDI; ARHGEF1; ARHGEF10; ARHGEF10L; ARHGEF11; ARHGEF12; ARHGEF15; ARHGEF18; ARHGEF2; ARHGEF25; ARHGEF28; ARHGEF40; ARHGEF6; ARHGEF7; ARHGEF9; ARID1A; ARID1B; ARID2; ARID4A; ARID4B; ARID5A; ARID5B; ARIH1; ARL11; ARL13B; ARL14EP; ARL16; ARL2BP; ARL3; ARL6; ARL6IP1; ARL6IP5; ARL6IP6; ARMC12; ARMC2; ARMC4; ARMC5; ARMC9; ARMCX4; ARMS2; ARNT; ARNT2; ARPC1B; ARPC3; ARPP21; ARR3; ARRDC3; ARSA; ARSB; ARSD; ARSE; ARSF; ARSG; ARSH; ARSI; ARSK; ART4; ARV1; ARVCF; ARX; AS3MT; ASAH1; ASAH2; ASB10; ASB18; ASCC1; ASCC3; ASCL1; ASH1L; ASH2L; ASIC2; ASIC3; ASIP; ASL; ASMT; ASNA1; ASNS; ASPA; ASPH; ASPM; ASPN; ASPRV1; ASPSCR1; ASS1; ASTE1; ASTN1; ASTN2; ASXL1; ASXL2; ASXL3; ATAD1; ATAD3A; ATAT1; ATCAY; ATF1; ATF2; ATF3; ATF5; ATF6; ATG13; ATG16L1; ATG5; ATG7; ATIC; ATLI; ATL3; ATM; ATN1; ATOH7; ATP10A; ATP10D; ATP11A; ATP11C; ATP13A2; ATP13A4; ATP13A5; ATP1A1; ATP1A2; ATP1A3; ATP1B1; ATP2A1; ATP2A2; ATP2A3; ATP2B2; ATP2B3; ATP2B4; ATP2C1; ATP2C2; ATP5A1; ATP5B; ATP5C1; ATP5E; ATP5G1; ATP5G2; ATP5G3; ATP5I; ATP5J; ATP5J2-PTCD1; ATP5O; ATP5S; ATP6AP1; ATP6AP2; ATP6V0A1; ATP6V0A2; ATP6V0A4; ATP6V1A; ATP6V1B1; ATP6V1B2; ATP6V1C2; ATP6V1E1; ATP6V1G2-DDX39B; ATP7A; ATP7B; ATP8A2; ATP8B1; ATP8B3; ATPAF2; ATR; ATRX; ATXN1; ATXN10; ATXN2; ATXN3; ATXN3L; ATXN7; AUH; AUP1; AURKA; AURKC; AUTS2; AVP; AVPRIA; AVPR1B; AVPR2; AXDND1; AXIN1; AXIN2; AXL; AZIN2; B2M; B3GALNT1; B3GALNT2; B3GALTI; B3GALT2; B3GALT5; B3GALT6; B3GALT7; B3GALT8; B3GALT9; B3GAT1; B3GAT2; B3GAT3; B3GNT2; B3GNT3; B3GNT4; B3GNT5; B3GNT6; B3GNT7; B3GNT8; B4GALNT1; B4GALNT2; B4GALNT3; B4GALNT4; B4GALTI; B4GALT2; B4GALT3; B4GALT4; B4GALT5; B4GALT6; B4GALT7; B4GAT1; B9D1; B9D2; BAALC; BAAT; BACE1; BACH1; BACH2; BAG2; BAG3; BAG6; BAIAP3; BANF1; BANK1; BANP; BAP1; BARD1; BARX2; BASP1; BAX; BAZ1A; BAZ1B; BAZ2B; BBIP1; BBS1; BBS10; BBS12; BBS2; BBS4; BBS5; BBS7; BBS9; BCAM; BCAN; BCAP31; BCAT1; BCAT2; BCDIN3D; BCHE; BCKDHA; BCKDHB; BCKDK; BCL10; BCL11A; BCL11B; BCL2; BCL2A1; BCL2L1; BCL2L11; BCL2L2; BCL2L2-PABPN1; BCL3; BCL6; BCL9; BCL9L; BCLAF1; BCO1; BCOR; BCORL1; BCR; BCS1L; BDKRB2; BDNF; BDP1; BEAN1; BEND2; BEND5; BEST1; BET1; BEX2; BEX4; BFSP1; BFSP2; BGLAP; BGN; BHLHA9; BHLHE22; BHLHE41; BHMT; BICC1; BICD1; BICD2; BIN1; BIRC3; BIRC5; BIRC6; BIVM-ERCC5; BLK; BLM; BLMH; BLNK; BLOC1S3; BLOC1S5; BLOC1S5-TXNDC5; BLOC1S6; BLVRA; BMP1; BMP10; BMP15; BMP2; BMP2K; BMP4; BMP5; BMP7; BMPER; BMPRIA; BMPR1B; BMPR2; BMS1; BNC2; BOC; BOD1L1; BOLA3; BPGM; BPI; BPIFA1; BPTF; BPY2; BRAF; BRAP; BRAT1; BRCA1; BRCA2; BRCC3; BRD1; BRD2; BRD4; BRD7; BRDT; BRE; BRF1; BRF2; BRI3; BRIP1; BRPF1; BRSK2; BRWD1; BRWD3; BSG; BSN; BSND; BST1; BST2; BTAF1; BTBD11; BTBD16; BTBD7; BTBD9; BTC; BTD; BTG2; BTK; BTLA; BTN1A1; BTN2A1; BTNL2; BTRC; BUB1; BUB1B; BUB3; BVES; C10orf11; C10orf12; C10orf2; C10orf32-ASMT; C11orf65; C11orf80; C12orf10; C12orf4; C12orf57; C12orf65; C14orf105; C14orf2; C15orf41; C15orf62; C16orf58; C16orf74; C17orf62; C17orf67; C17orf80; C18orf8; C19orf12; C19orf70; C1GALT1; C1GALT1C1; C1orf110; C1orf145; C1QA; C1QB; C1QBP; C1QC; C1QTNF3-AMACR; C1R; C1S; C2; C20orf141; C21orf2; C21orf58; C21orf59; C21orf91; C2CD3; C2CD5; C2orf42; C2orf71; C3; C3AR1; C3orf35; C4A; C4B; C4BPA; C4BPB; C4orf19; C4orf26; C5; C5AR2; C5orf42; C6; C6orf15; C6orf222; C7; C7orf43; C8A; C8B; C8G; C8orf34; C8orf37; C8orf44-SGK3; C9; C9orf72; CA1; CA12; CA2; CA4; CASA; CA6; CA8; CABIN1; CABP2; CABP4; CACHD1; CACNA1A; CACNA1B; CACNA1C; CACNA1D; CACNA1E; CACNA1F; CACNA1G; CACNA1H; CACNA1I; CACNA1S; CACNA2D1; CACNA2D2; CACNA2D3; CACNA2D4; CACNB1; CACNB2; CACNB4; CACNG2; CACNG3; CACNG4; CACNG5; CAD; CADM1; CADM3; CADPS;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

CADPS2; CALCA; CALCR; CALCRL; CALHM1; CALM1; CALM2; CALM3; CALML4; CALR; CALR3; CALU;
CAMK1; CAMK2A; CAMK2B; CAMK2G; CAMK4; CAMKK1; CAMKK2; CAMKMT; CAMP; CAMSAP2;
CAMTA1; CAMTA2; CAND1; CANTI; CAPN1; CAPN10; CAPN3; CAPN5; CAPN6; CARD10; CARD11;
CARD14; CARD8; CARD9; CARKD; CARS2; CARTPT; CASC5; CASK; CASP1; CASP10; CASP14; CASP2;
CASP3; CASP5; CASP8; CASP9; CASQ1; CASQ2; CASR; CAST; CAT; CATSPER1; CATSPER2; CATSPER3;
CATSPER4; CAV1; CAV3; CBF; CBL; CBLB; CBR1; CBR3; CBS; CBX2; CBX4; CBX7; CBY1; CC2D1A;
CC2D2A; CCBE1; CCDC103; CCDC107; CCDC114; CCDC115; CCDC120; CCDC127; CCDC129;
CCDC134; CCDC14; CCDC141; CCDC15; CCDC151; CCDC168; CCDC170; CCDC171; CCDC174;
CCDC22; CCDC28B; CCDC3; CCDC33; CCDC39; CCDC40; CCDC47; CCDC50; CCDC59; CCDC6;
CCDC65; CCDC66; CCDC71L; CCDC78; CCDC8; CCDC84; CCDC88A; CCDC88C; CCHCR1; CCK;
CCKAR; CCKBR; CCL11; CCL13; CCL17; CCL2; CCL22; CCL23; CCL26; CCL3; CCL5; CCL7; CCM2;
CCNA2; CCND1; CCND2; CCNF; CCNK; CCNO; CCNT2; CCP110; CCPG1; CCR1; CCR2; CCR3; CCR5;
CCR6; CCR7; CCR9; CCRL2; CCS; CCT2; CCT5; CCT7; CD109; CD14; CD151; CD164; CD177; CD19;
CD1A; CD1E; CD2; CD200; CD207; CD209; CD22; CD226; CD24; CD244; CD247; CD27; CD276; CD28;
CD2AP; CD320; CD36; CD38; CD3D; CD3E; CD3EAP; CD3G; CD4; CD40; CD40LG; CD44; CD46; CD5;
CD55; CD58; CD59; CD63; CD70; CD72; CD74; CD79A; CD79B; CD80; CD81; CD82; CD86; CD8A;
CD96; CD99; CDA; CDANI; CDC14A; CDC27; CDC42; CDC42BPB; CDC45; CDC5L; CDC6; CDC7;
CDC73; CDCA7; CDCA7L; CDH1; CDH11; CDH12; CDH13; CDH15; CDH18; CDH2; CDH23; CDH3;
CDH4; CDH5; CDH8; CDH9; CDHR1; CDK10; CDK11A; CDK11B; CDK12; CDK13; CDK16; CDK19;
CDK20; CDK4; CDK5; CDK5RAP2; CDK6; CDK7; CDK8; CDKAL1; CDKL3; CDKL5; CDKN1A; CDKN1B;
CDKN1C; CDKN2A; CDKN2A-AS1; CDKN2AIP; CDKN2B; CDKN2C; CDKN2D; CDON; CDSN; CDT1;
CDX1; CDX2; CDY1; CDY2A; CDYL; CEACAM1; CEACAM16; CEBPA; CEBPE; CEBPZ; CECR1; CECR2;
CEL; CELA1; CELF4; CELF5; CELF6; CELSR1; CELSR2; CELSR3; CEMIP; CENPE; CENPF; CENPI;
CENPJ; CENPO; CENPP; CEP104; CEP120; CEP126; CEP135; CEP152; CEP164; CEP19; CEP250;
CEP290; CEP41; CEP55; CEP57; CEP63; CEP68; CEP78; CEP83; CEP85L; CEP89; CEP97; CER1;
CERKL; CERS1; CERS3; CERS6; CES1; CES2; CETP; CFAP43; CFAP44; CFAP47; CFAP52; CFAP53;
CFAP57; CFAP69; CFB; CFC1; CFD; CFH; CFHR1; CFHR2; CFHR3; CFHR4; CFHR5; CFI; CFL2;
CFLAR; CFP; CFTR; CGA; CGNL1; CHAC1; CHAF1B; CHAMP1; CHAT; CHCHD10; CHCHD2; CHD1;
CHD1L; CHD2; CHD3; CHD4; CHD6; CHD7; CHD8; CHDH; CHEK1; CHEK2; CHFR; CHGA; CHGB;
CHI3L1; CHI3L2; CHIA; CHIC1; CHIC2; CHIT1; CHKB-CPT1B; CHLI; CHM; CHMP1A; CHMP2B;
CHMP4B; CHN1; CHP1; CHPF; CHPF2; CHPT1; CHR; CHRDL1; CHRM1; CHRM2; CHRM3; CHRNA1;
CHRNA2; CHRNA3; CHRNA4; CHRNA5; CHRNA7; CHRNA9; CHRN1; CHRN2; CHRN3; CHRN4; CHRN5;
CHRNE; CHRNG; CHST11; CHST14; CHST3; CHST6; CHST7; CHST8; CHSY1; CHSY3; CHUK; CIB1;
CIB2; CIC; CIDEA; CIDEA; CIITA; CILP; CINP; CIRH1A; CISD2; CISH; CIT; CITED2; CIZ1; CKAP2L;
CKAP5; CKB; CKM; CLASP1; CLC; CLCA1; CLCA2; CLCA4; CLCC1; CLCF1; CLCN1; CLCN2; CLCN3;
CLCN4; CLCN5; CLCN6; CLCN7; CLCNKA; CLCNKB; CLDN1; CLDN10; CLDN14; CLDN16; CLDN19;
CLDN2; CLDN23; CLDN8; CLEC10A; CLEC11A; CLEC1A; CLEC2D; CLEC3B; CLEC4D; CLEC4M;
CLEC7A; CLGN; CLHC1; CLIC2; CLIC4; CLIC5; CLIP1; CLIP2; CLK2; CLMP; CLN3; CLN5; CLN6;
CLN8; CLNK; CLOCK; CLP1; CLPB; CLPP; CLPS; CLPTM1; CLPTM1L; CLPX; CLRN1; CLSTN2; CLTC;
CLTCL1; CLU; CLUAP1; CLUH; CLUL1; CLYBL; CMA1; CMPK1; CMYA5; CNBP; CNDP1; CNGA1;
CNGA2; CNGA3; CNGB1; CNGB3; CNKSR1; CNKSR2; CNNM1; CNNM2; CNNM4; CNOT1; CNOT2;
CNOT3; CNOT4; CNPY3; CNR1; CNR2; CNTFR; CNTN1; CNTN2; CNTN3; CNTN4; CNTN5; CNTN6;
CNTNAP1; CNTNAP2; CNTNAP3B; CNTNAP4; CNTNAP5; COA3; COA5; COA6; COA7; COASY; COBL;
COCH; COG1; COG2; COG3; COG4; COG5; COG6; COG7; COG8; COL10A1; COL11A1; COL11A2;
COL12A1; COL13A1; COL14A1; COL17A1; COL18A1; COL1A1; COL1A2; COL21A1; COL22A1; COL24A1;
COL25A1; COL27A1; COL2A1; COL3A1; COL4A1; COL4A2; COL4A3; COL4A3BP; COL4A4; COL4A5;
COL4A6; COL5A1; COL5A2; COL5A3; COL6A1; COL6A2; COL6A3; COL6A4P2; COL6A5; COL6A6;
COL7A1; COL8A1; COL8A2; COL9A1; COL9A2; COL9A3; COLEC10; COLEC11; COLGALT1; COLQ;
COMMD1; COMMD3-BMI1; COMP; COMT; COPA; COPB; COPS6; COQ2; COQ3; COQ4; COQ5; COQ6;
COQ7; COQ9; CORIN; CORO1A; CORO6; CORO7-PAM16; COX10; COX14; COX15; COX18; COX20;
COX411; COX412; COX5A; COX5B; COX6A1; COX6B1; COX6C; COX7A1; COX7A2; COX7B; COX7B2;
COX7C; COX8A; CP; CPA1; CPA4; CPA6; CPAMD8; CPB2; CPE; CPLX1; CPLX2; CPN1; CPNE1; CPNE6;
CPOX; CPQ; CPS1; CPSF7; CPT1A; CPT1B; CPT1C; CPT2; CPXM2; CPZ; CR1; CR2; CRADD; CRAT;
CRB1; CRB2; CRBN; CREB1; CREB3; CREB3L1; CREBBP; CRELD1; CRH; CRHR1; CRHR2; CRIM1;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

CRIP1; CRIP2; CRK; CRKL; CRLF1; CRLF2; CRNKL1; CROCC; CRP; CRTAP; CRTCC3; CRX; CRY1; CRYAA; CRYAB; CRYBA1; CRYBA2; CRYBA4; CRYBB1; CRYBB2; CRYBB3; CRYGA; CRYGB; CRYGC; CRYGD; CRYGS; CRYLI; CRYM; CSAG1; CSDE1; CSF1R; CSF2; CSF2RA; CSF2RB; CSF3R; CSGALNACT1; CSH1; CSMD1; CSMD2; CSMD3; CSNK1A1L; CSNK1D; CSNK1E; CSNK1G1; CSNK2A1; CSNK2A2; CSNK2A3; CSNK2B; CSNK2B-LY6G5B--991; CSPG4; CSPP1; CSRN1P; CSRP3; CST3; CST6; CSTA; CSTB; CSTF2; CSTF2T; CTAGE6; CTBP1; CTC1; CTCF; CTD1P; CTF1; CTGF; CTH; CTHRC1; CTLA4; CTNNA1; CTNNA2; CTNNA3; CTNNB1; CTNND1; CTNND2; CTNS; CTPS1; CTR9; CTRB1; CTRC; CTRL; CTSA; CTSB; CTSC; CTSD; CTSE; CTSF; CTSG; CTSH; CTSK; CTSZ; CTTN; CTTNBP2; CTU2; CUBN; CUEDC1; CUL2; CUL3; CUL4B; CUL5; CUL7; CUX1; CUX2; CUZD1; CWC27; CWF19L1; CX3CR1; CXCL10; CXCL11; CXCL12; CXCL16; CXCL5; CXCR1; CXCR2; CXCR3; CXCR4; CXorf36; CXorf56; CXXC1; CYB561; CYB5A; CYB5R3; CYB5R4; CYBA; CYBB; CYBRD1; CYC1; CYCS; CYFIP1; CYFIP2; CYGB; CYHR1; CYLD; CYP11A1; CYP11B1; CYP11B2; CYP17A1; CYP19A1; CYP1A1; CYP1A2; CYP1B1; CYP21A2; CYP24A1; CYP26A1; CYP26B1; CYP26C1; CYP27A1; CYP27B1; CYP2A13; CYP2A6; CYP2A7; CYP2B6; CYP2C18; CYP2C19; CYP2C8; CYP2C9; CYP2D6; CYP2E1; CYP2F1; CYP2G1P; CYP2J2; CYP2R1; CYP2U1; CYP2W1; CYP3A4; CYP3A43; CYP3A5; CYP3A7; CYP46A1; CYP4A11; CYP4A22; CYP4B1; CYP4F12; CYP4F2; CYP4F22; CYP4F3; CYP4V2; CYP51A1; CYP7A1; CYP7B1; CYR61; CYS1; CYSLTR1; CYSLTR2; D2HGDH; DAAM1; DAB1; DAB2; DAB2IP; DACHI; DACH2; DACT1; DACT3; DAD1; DAG1; DAO; DAOA; DAPK1; DARS; DARS2; DAXX; DAZ1; DAZ2; DAZ3; DAZ4; DAZAP1; DAZL; DBH; DBI; DBT; DCAF13; DCAF17; DCAF4; DCAF6; DCAF8; DCBLD1; DCC; DCDC2; DCHS1; DCHS2; DCK; DCLRE1B; DCLRE1C; DCN; DCP1B; DCPS; DCTD; DCTN1; DCTN2; DCTN4; DCX; DCXR; DDAH1; DDAH2; DDB1; DDB2; DDC; DDHD1; DDHD2; DDIT3; DDOST; DDR1; DDR2; DDRGK1; DDX10; DDX11; DDX20; DDX21; DDX25; DDX39A; DDX39B; DDX3X; DDX3Y; DDX41; DDX5; DDX50; DDX53; DDX58; DDX59; DDX60; DDX60L; DEAF1; DECR1; DEF6; DEFB1; DEFB126; DEGS1; DEK; DENND1C; DENND3; DENND4B; DENND5A; DEPDC5; DES; DFNA5; DFNB31; DFNB59; DGAT1; DGAT2; DGAT2L6; DGCR14; DGCR2; DGCR6; DGCR6L; DGCR8; DGKD; DGKE; DGKZ; DGUOK; DHCR24; DHCR7; DHDDS; DHDH; DHFR; DHH; DHODH; DHPS; DHTKD1; DHX16; DHX29; DHX30; DHX36; DHX37; DHX38; DIABLO; DIAPH1; DIAPH2; DIAPH3; DICER1; DIO1; DIO2; DIP2A; DIP2B; DIP2C; DIRC2; DIS3; DIS3L; DIS3L2; DISC1; DISC2; DISP1; DIXDC1; DKC1; DKK1; DKK2; DKK3; DLAT; DLC1; DLD; DLEC1; DLG1; DLG2; DLG3; DLG4; DLG5; DLGAP2; DLGAP3; DLL1; DLL3; DLL4; DLST; DLX3; DLX4; DLX5; DLX6; DMBT1; DMBX1; DMC1; DMD; DMGDH; DMPI; DMPK; DMRT1; DMRT2; DMRT3; DMXL1; DMXL2; DNA2; DNAAF1; DNAAF2; DNAAF3; DNAAF5; DNAH1; DNAH10; DNAH11; DNAH12; DNAH14; DNAH17; DNAH2; DNAH3; DNAH5; DNAH6; DNAH7; DNAH8; DNAH9; DNAI1; DNAI2; DNAJA4; DNAJB1; DNAJB11; DNAJB13; DNAJB2; DNAJB5; DNAJB6; DNAJC11; DNAJC12; DNAJC13; DNAJC19; DNAJC21; DNAJC28; DNAJC3; DNAJC5; DNAJC5B; DNAJC6; DNAL1; DNAL4; DNASE1; DNASE1L1; DNASE1L3; DNASE2; DND1; DNM1; DNM1L; DNM2; DNM3; DNMBP; DNMT1; DNMT3A; DNMT3B; DOC2A; DOCK1; DOCK2; DOCK3; DOCK4; DOCK5; DOCK6; DOCK7; DOCK8; DOCK9; DOK1; DOK2; DOK5; DOK7; DOLK; DOLPP1; DONSON; DOTIL; DPAGT1; DPCD; DP2F; DPH1; DPH6-AS1; DPH7; DPM1; DPM2; DPM3; DPP10; DPP3; DPP6; DPP9; DPPA4; DPRX; DPT; DPY19L2; DPYD; DPYS; DPYSL2; DPYSL5; DRAM2; DRC1; DRD1; DRD2; DRD3; DRD4; DRD5; DROSHA; DRP2; DSC2; DSC3; DSCAM; DSCAML1; DSCR8; DSE; DSEL; DSG1; DSG2; DSG3; DSG4; DSP; DSPP; DST; DSTYK; DTD1; DTHD1; DTNA; DTNBP1; DUOX1; DUOX2; DUOXA1; DUOXA2; DUSP23; DUSP6; DUT; DUX4; DVL1; DVL2; DVL3; DXO; DYM; DYNAP; DYNC1H1; DYNC1H1; DYNC1H2; DYNC1L1; DYNC2H1; DYNC2L1; DYNLRB2; DYNLT3; DYRK1A; DYRK1B; DYSF; DYT1; DYX1C1; DZIP1L; E2F1; E2F4; E2F5; EARS2; EBAG9; EBF3; EBF4; EBP; ECE1; ECE2; ECEL1; ECH1; ECHS1; EC11; ECM1; ECM2; ECSIT; ECT2L; EDA; EDA2R; EDAR; EDARADD; EDC3; EDEM3; EDN1; EDN2; EDN3; EDNRA; EDNRB; EDRF1; EEA1; EED; EEF1A2; EEF1B2; EEF1D; EEF1E1-BLOC1S5; EEF2; EEF2K; EFCAB5; EFCAB6; EFEMP1; EFEMP2; EFHC1; EFHC2; EFHD1; EFNA5; EFN1B; EFR3A; EFTUD1; EFTUD2; EGF; EGFLAM; EGFR; EGLN1; EGR2; EGR3; EHB1P; EHD2; EHHADH; EHMT1; EHMT2; EIF2AK3; EIF2AK4; EIF2B1; EIF2B2; EIF2B3; EIF2B4; EIF2B5; EIF2D; EIF3F; EIF3G; EIF3H; EIF3J; EIF4A3; EIF4E; EIF4G1; EIF4G3; EIF4H; EIF5A; ELAC2; ELANE; ELAVL2; ELAVL4; ELF2; ELF4; ELK1; ELK3; ELMO2; ELMOD2; ELMOD3; ELN; ELOVL4; ELOVL5; ELP2; ELP3; ELP4; EMC1; EMC4; EMD; EME1; EME2; EMG1; EMILIN1; EML1; EML5; EMP2; EMX1; EMX2; EN1; EN2; ENAH; ENAM; ENDOG; ENG; ENO1; ENO3; ENOX1; ENPP1; ENPP2; ENPP7; ENSA; ENTPD1; ENTPD3; ENTPD5; EOGT; EOMES; EP300; EPAS1; EPB41; EPB41L1; EPB41L2; EPB41L4A; EPB42; EPC2;

The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

EPCAM; EPG5; EPHA2; EPHA3; EPHA4; EPHA5; EPHA7; EPHA8; EPHB1; EPHB2; EPHB4; EPHB6;
EPHX1; EPHX2; EPM2A; EPO; EPOR; EPRS; EPS8; EPS8L2; EPS8L3; EPST11; EPX; ERAL1; ERAP1;
ERAP2; ERBB2; ERBB2IP; ERBB3; ERBB4; ERCC1; ERCC2; ERCC3; ERCC4; ERCC5; ERCC6; ERCC6L2;
ERCC6-PGBD3; ERCC8; ERF; ERGIC1; ER11; ER12; ERLIN1; ERLIN2; ERMAP; ERMARD; ERN1; ERRF11;
ESAM; ESCO2; ESPN; ESR1; ESR2; ESRP1; ESRRB; ESRRG; ETFA; ETFB; ETFDH; ETHE1; ETNPPL;
ETS1; ETV4; ETV6; EVC; EVC2; EVI5; EVPL; EWSR1; EXD3; EXO1; EXO5; EXOC2; EXOC3L2; EXOC4;
EXOC6B; EXOC8; EXOSC2; EXOSC3; EXOSC5; EXOSC8; EXOSC9; EXPH5; EXT1; EXT2; EXTL1; EXTL2;
EXTL3; EYA1; EYA4; EYS; EZH2; EZR; F10; F11; F12; F13A1; F13B; F2; F2R; F2RL1; F2RL2; F3; F5; F7;
F8; F9; FA2H; FAAH; FAAH2; FABP1; FABP2; FABP3; FABP4; FABP5; FABP6; FABP7; FADD; FADS2;
FAH; FAM105A; FAM111A; FAM111B; FAM114A1; FAM120A; FAM120AOS; FAM126A; FAM129A;
FAM134B; FAM135A; FAM136A; FAM13A; FAM13C; FAM160A1; FAM160A2; FAM161A; FAM161B;
FAM175A; FAM177A1; FAM186B; FAM189A1; FAM189A2; FAM19A2; FAM205A; FAM208A; FAM20A;
FAM20C; FAM222A; FAM46A; FAM46C; FAM47A; FAM47B; FAM53C; FAM58A; FAM71A; FAM83C;
FAM83H; FAM84B; FAM8A1; FAM91A1; FAM92A1; FAM98C; FAM9C; FAN1; FANCA; FANCB; FANCC;
FANCD2; FANCE; FANCF; FANCG; FANCI; FANCL; FANCM; FAR1; FARS2; FARSB; FAS; FASLG; FASN;
FASTKD1; FASTKD2; FAT1; FAT2; FAT3; FAT4; FAXC; FBLIM1; FBLN1; FBLN5; FBN1; FBN2; FBN3;
FBP1; FBRS; FBXL3; FBXL4; FBXL5; FBXL6; FBXO10; FBXO11; FBXO17; FBXO18; FBXO28; FBXO31;
FBXO38; FBXO41; FBXO7; FBXW11; FBXW4; FBXW7; FCAR; FCER1A; FCER1G; FCER2; FCGRIA;
FCGR2A; FCGR2B; FCGR2C; FCGR3A; FCGR3B; FCGRT; FCN1; FCN2; FCN3; FCRL3; FCRL6; FDFT1;
FDPS; FDX1L; FDXR; FECH; FEM1A; FEM1B; FEN1; FERMT1; FERMT3; FEV; FEZF1; FEZF2; FFAR1;
FFAR4; FGA; FGB; FGD1; FGD2; FGD3; FGD4; FGF1; FGF10; FGF12; FGF14; FGF16; FGF17; FGF18;
FGF2; FGF20; FGF23; FGF3; FGF5; FGF8; FGF9; FGFBP1; FGFR1; FGFR2; FGFR3; FGFR4; FGFRL1;
FGG; FH; FHIT; FHL1; FHL2; FHOD1; FIBP; FIG4; FIGLA; FIGNL1; FILIP1; FIP1L1; FIZ1; FKBP10;
FKBP14; FKBP1A; FKBP4; FKBP5; FKBP6; FKBP8; FKBP; FKTN; FLAD1; FLCN; FLG; FLII;
FLII; FLNA; FLNB; FLNC; FLOT1; FLRT1; FLRT3; FLT1; FLT3; FLT4; FLVCR1; FLVCR2; FMN1; FMN2;
FMNL2; FMO1; FMO2; FMO3; FMO4; FMO5; FMO6P; FMOD; FMRI; FN1; FN3K; FNBP4; FNIPI;
FOCAD; FOLH1; FOLR1; FOS; FOXA1; FOXA2; FOXA3; FOXC1; FOXC2; FOXD1; FOXD1-AS1; FOXD3;
FOXEL; FOXE3; FOXF1; FOXF2; FOXG1; FOXH1; FOXI1; FOXJ1; FOXK1; FOXK2; FOXL1; FOXL2;
FOXMI; FOXNI; FOXO1; FOXO3; FOXP1; FOXP2; FOXP3; FOXP4; FOXRED1; FPGS; FPGT-TNNI3K;
FPR1; FPR2; FRA10AC1; FRAS1; FREM1; FREM2; FREM3; FRG1; FRG2B; FRK; FRMD1; FRMD4A;
FRMD5; FRMD6; FRMD7; FRMPD3; FRMPD4; FRRS1L; FRY; FRZB; FSCB; FSCN2; FSHB; FSHR; FSIP1;
FSIP2; FST; FSTL1; FTCD; FTH1; FTHL17; FTL; FTO; FTSJ1; FUBP1; FUCA1; FUCA2; FURIN; FUS;
FUT1; FUT2; FUT3; FUT6; FUT8; FUZ; FXN; FXYD2; FXYD5; FXYD6; FXYD6-FXYD2; FYCO1; FYN;
FZD1; FZD2; FZD3; FZD4; FZD5; FZD6; FZD9; G6PC; G6PC2; G6PC3; G6PD; GAA; GAB1; GAB2;
GABARAPL1; GABBR1; GABBR2; GABRA1; GABRA2; GABRA3; GABRA4; GABRA5; GABRA6; GABRB1;
GABRB2; GABRB3; GABRD; GABRE; GABRG1; GABRG2; GABRG3; GABRP; GABRR2; GAD1; GAD2;
GADD45A; GADD45B; GAK; GAL; GAL3ST1; GAL3ST2; GAL3ST3; GAL3ST4; GALC; GALE; GALK1;
GALNS; GALNT11; GALNT12; GALNT13; GALNT14; GALNT18; GALNT2; GALNT3; GALNT5; GALNT6;
GALNT7; GALNT8; GALNT9; GALNTL5; GALNTL6; GALP; GALT; GAMT; GAN; GANAB; GAP43;
GAPDHS; GARS; GAS1; GAS2L2; GAS6; GAS8; GATA1; GATA2; GATA3; GATA4; GATA5; GATA6;
GATAD1; GATAD2B; GATB; GATC; GATM; GBA; GBA2; GBE1; GBGT1; GBP2; GBP5; GC; GCC2; GCDH;
GCGR; GCH1; GCK; GCKR; GCLC; GCLM; GCM2; GCNT1; GCNT2; GCSH; GDAP1; GDAP2; GDF1;
GDF10; GDF11; GDF15; GDF2; GDF3; GDF5; GDF6; GDF9; GDII; GDNF; GDNF-AS1; GDDP2;
GDDP3; GEMIN2; GEMIN4; GEMIN5; GEN1; GFAP; GFER; GF11; GF11B; GFM1; GFM2; GFPT1;
GFPT2; GFRA1; GFRA2; GFRA3; GGA3; GGCX; GGH; GGT1; GGT5; GH1; GH2; GHR; GHRH; GHRHR;
GHL; GHSR; GIF; GIGYF1; GIGYF2; GIMAP8; GINS1; GINS3; GIP; GIPC3; GIPR; GIT1; GJA1; GJA3;
GJA4; GJA5; GJA8; GJB1; GJB2; GJB3; GJB4; GJB6; GJC2; GJC3; GJD2; GK; GLA; GLB1; GLCCII;
GLDC; GLDN; GLE1; GLG1; GLI1; GLI2; GLI3; GLIS2; GLIS3; GLMN; GLO1; GLP1R; GLRA1; GLRA2;
GLRA4; GLRB; GLRX5; GLS; GLTSCR1L; GLUD1; GLUD2; GLUL; GLYL; GLYCTK; GLYR1; GM2A; GMDS;
GMIP; GMNN; GMPPA; GMPPB; GMPPR; GMPPR2; GMPS; GNA11; GNA13; GNA14; GNA11; GNA12;
GNA13; GNAL; GNAO1; GNAQ; GNAS; GNAT1; GNAT2; GNB1; GNB1L; GNB3; GNB4; GNB5; GNE;
GNG3; GNG7; NGNT1; GNMT; GNPAT; GNPTAB; GNPTG; GNRH1; GNRHR; GNS; GOLGA3; GOLGA4;
GOLGA5; GOLGA6L10; GOLGA6L6; GON4L; GOPC; GORAB; GOSR2; GOT1; GP1BA; GP2; GP6; GP9;
GPA1; GPAM; GPANK1; GPATCH2; GPATCH3; GPATCH8; GPBAR1; GPC3; GPC4; GPC5; GPC6;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

GPD1; GPD1L; GPD2; GPHN; GPI; GPIHBP1; GPLD1; GPM6B; GPNMB; GPR1; GPR101; GPR12; GPR132; GPR139; GPR143; GPR15; GPR153; GPR161; GPR179; GPR26; GPR33; GPR35; GPR37; GPR37L1; GPR39; GPR53; GPR68; GPR88; GPRASP1; GPRASP2; GPS1; GPSM2; GPT; GPT2; GPX1; GPX4; GPX5; GRAP; GRASP; GRB10; GRB14; GRB7; GREB1L; GREM1; GREM2; GRHL1; GRHL2; GRHL3; GRHPR; GRIA1; GRIA2; GRIA3; GRIA4; GRID1; GRID2; GRIK1; GRIK2; GRIK3; GRIK4; GRIN1; GRIN2A; GRIN2B; GRIN2D; GRIN3A; GRIP1; GRIPAP1; GRK1; GRK4; GRK5; GRM1; GRM3; GRM5; GRM6; GRM7; GRM8; GRN; GRPR; GRWD1; GRXCR1; GRXCR2; GSAP; GSC; GSDMA; GSDMB; GSDMD; GSE1; GSK3A; GSK3B; GSN; GSPT1; GSPT2; GSR; GSS; GSTA1; GSTA2; GSTA3; GSTK1; GSTM1; GSTM3; GSTM4; GSTO1; GSTO2; GSTP1; GSTZ1; GTF2E1; GTF2E2; GTF2H1; GTF2H5; GTF2I; GTF2IRD1; GTF2IRD2; GTF3C1; GTPBP1; GTPBP2; GTPBP3; GUCA1A; GUCA1B; GUCY1A3; GUCY2C; GUCY2D; GUCY2F; GUF1; GUSB; GYG1; GYG2; GYP A; GYPB; GYPC; GYPE; GYS1; GYS2; GZF1; GZMB; H19_1; H19_3; H2BFWT; H3F3A; H6PD; HAAO; HABP2; HACD1; HACE1; HADH; HADHA; HADHB; HAGH; HAL; HAMP; HAND1; HAND2; HAO1; HAPL+R117H; HARS; HARS2; HAS1; HAS3; HAVCR1; HAVCR2; HAX1; HBA1; HBA2; HBB; HBD; HBE1; HBEGF; HBG1; HBG2; HBM; HBQ1; HBS1L; HBZ; HCCS; HCFC1; HCK; HCLS1; HCN1; HCN2; HCN3; HCN4; HCRT; HCRTR1; HCRTR2; HDAC1; HDAC2; HDAC3; HDAC4; HDAC6; HDAC8; HDAC9; HDC; HDLBP; HDX; HEATR4; HEATR9; HEBP2; HECTD4; HECW2; HELLS; HELQ; HELZ; HEMK1; HEPACAM; HEPACAM2; HEPH; HEPHL1; HERC1; HERC2; HES6; HES7; HESX1; HEXA; HEXB; HEXDC; HEY1; HEY2; HFE; HFE2; HFM1; HGD; HGF; HGSNAT; HHAT; HHEX; HHIP; HHPL1; HIBCH; HIC1; HIC2; HIF1A; HIF1A-AS1; HIF1AN; HIGD2A; HINT1; HIP1; HIPK4; HIRA; HIST1H1E; HIST1H2AE; HIST1H2BM; HIST1H3I; HIST1H4B; HIST3H3; HIVEP1; HIVEP2; HIVEP3; HK1; HK2; HK3; HKDC1; HLA-A; HLA-B; HLA-C; HLA-DMB; HLA-DOA; HLA-DPB1; HLA-DPB2; HLA-DQA1; HLA-DQB1; HLA-DRA; HLA-DRB1; HLA-DRB5; HLA-E; HLA-G; HLCS; HLF; HLX; HMBS; HMCN1; HMGA1; HMGA2; HMGB3; HMGCL; HMGCR; HMGCS2; HMMR; HMOX1; HMOX2; HMSD; HMX1; HMX2; HNF1A; HNF1B; HNF4A; HNMT; HNRNPA1; HNRNPA2B1; HNRNPCL1; HNRNPD; HNRNPD; HNRNPH3; HNRNPK; HNRNPM; HNRNPR; HNRNPU; HNRNPUL1; HNRNPUL2-BSCL2; HOGA1; HOMER2; HOOK3; HOPX; HOXA1; HOXA10; HOXA10-HOXA9; HOXA11; HOXA13; HOXA2; HOXA3; HOXA4; HOXB1; HOXB13; HOXB6; HOXB8; HOXC13; HOXD10; HOXD13; HOXD4; HP; HPCA; HPD; HPGD; HPRT1; HPS1; HPS3; HPS4; HPS5; HPS6; HPSE2; HR; HRAS; HRC; HRG; HRH2; HRH3; HS1BP3; HS3ST1; HS6ST1; HS6ST2; HSD11B1; HSD11B2; HSD17B1; HSD17B10; HSD17B14; HSD17B2; HSD17B3; HSD17B4; HSD3B1; HSD3B2; HSD3B7; HSF2; HSF4; HSFY1; HSP90AA1; HSP90B1; HSPA1A; HSPA1B; HSPA1L; HSPA5; HSPA8; HSPA9; HSPB1; HSPB3; HSPB6; HSPB7; HSPB8; HSPD1; HSPE1; HSPE1-MOB4; HSPG2; HSPH1; HTN3; HTR1A; HTR1B; HTR2A; HTR2B; HTR2C; HTR3A; HTR3B; HTR3C; HTR3E; HTR5A; HTR6; HTR7; HTRA1; HTRA2; HTT; HUWE1; HVCN1; HYAL1; HYDIN; HYLS1; HYOU1; IAPP; IARS; IARS2; IBA57; IBSP; IBTK; ICAM1; ICAM4; ICAM5; ICE2; ICK; ICOS; ICOSLG; ID3; ID4; IDE; IDH1; IDH2; IDH3A; IDH3B; IDO1; IDS; IDUA; IER3IP1; IFI30; IFI44L; IFIH1; IFIT1B; IFITM3; IFITM5; IFNA2; IFNAR1; IFNAR2; IFNG; IFNGR1; IFNGR2; IFNL3; IFNL4; IFRD1; IFT122; IFT140; IFT172; IFT27; IFT43; IFT52; IFT57; IFT74; IFT80; IFT81; IFT88; IGBP1; IGF1; IGF1R; IGF2; IGF2BP2; IGF2R; IGFALS; IGFBP1; IGFBP3; IGFBP4; IGFBP5; IGFBP7; IGFN1; IGHM; IGHMBP2; IGLL1; IGSF1; IGSF3; IHH; IK; IKBIP; IKBKAP; IKBKB; IKBKG; IKZF1; IKZF3; IL10; IL10RA; IL10RB; IL11; IL11RA; IL12A; IL12B; IL12RB1; IL12RB2; IL13; IL16; IL17A; IL17B; IL17F; IL17RA; IL17RB; IL17RC; IL17RD; IL17REL; IL18; IL18R1; IL18RAP; IL19; IL1A; IL1B; IL1R1; IL1RAP; IL1RAPL1; IL1RL1; IL1RN; IL2; IL20RA; IL20RB; IL21; IL21R; IL23R; IL2RA; IL2RB; IL2RG; IL3; IL31RA; IL33; IL36B; IL36RN; IL4; IL4R; IL5; IL6; IL6R; IL6ST; IL7; IL7R; IL9; IL9R; ILDR1; ILF3; ILK; IMM2L; IMMT; IMPA1; IMPA2; IMPAD1; IMPDH1; IMPDH2; IMPG1; IMPG2; INA; INCENP; INF2; ING1; ING4; INHA; INHBA; INMT; INMT-FAM188B; INO80; INPP4A; INPP5B; INPP5D; INPP5E; INPP5K; INPPL1; INS; INSIG1; INSIG2; INS-IGF2; INSL3; INSL6; INSR; INSR; INTS1; INTS3; INTS8; INTU; INVS; IPCEF1; IPMK; IPP; IPW; IQCB1; IQCE; IQGAP1; IQGAP2; IQGAP3; IQSEC2; IRAK1; IRAK3; IRAK4; IREB2; IRF1; IRF2; IRF2BP2; IRF2BPL; IRF3; IRF4; IRF5; IRF6; IRF7; IRF8; IRGM; IRGQ; IRS1; IRS2; IRS4; IRX4; IRX5; ISCA1; ISCA2; ISCU; ISG15; ISL1; ISLR2; ISPD; ISYNA1; ITCH; ITFG2; ITGA1; ITGA11; ITGA2; ITGA2B; ITGA3; ITGA4; ITGA6; ITGA7; ITGA8; ITGA9; ITGAD; ITGAE; ITGAM; ITGB1; ITGB1BP2; ITGB2; ITGB3; ITGB4; ITGB5; ITGB6; ITIH1; ITIH3; ITIH5; ITIH6; ITK; ITM2B; ITPA; ITPK1; ITPKC; ITPR1; ITPR2; ITPR3; ITPRIPL1; ITSN1; ITSN2; IVD; IYD; JAG1; JAG2; JAGN1; JAK1; JAK2; JAK3; JAKMIP1; JAM3; JMJD1C; JPH1; JPH2; JPH3; JRK; JUN; JUNB; JUP; KALI; KALRN; KANK1; KANK2; KANK4; KANSL1; KARS; KAT2A; KAT2B; KAT5; KAT6A; KAT6B; KAT7; KATNAL2; KATNB1;

The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

MICAL3; MICALCL; MICALL2; MICB; MICU1; MID1; MID2; MIF; MIIP; MINPP1; MIP; MIPEP; MIPOL1;
MIR106B; MIR124-1; MIR126; MIR140; MIR146A; MIR16-1; MIR17; MIR182; MIR183; MIR184; MIR191;
MIR196A2; MIR204; MIR206; MIR27A; MIR30C1; MIR34B; MIR3910-1; MIR499A; MIR502; MIR510;
MIR548L; MIR606; MIR675; MIR890; MIR892B; MIR96; MITF; MKI67; MKKS; MKL1; MKRN3; MKS1;
MLC1; MLF1; MLH1; MLH3; MLLT1; MLLT11; MLLT3; MLLT4; MLPH; MLX; MLXIPL; MLYCD; MMAA;
MMAB; MMACHC; MMADHC; MME; MMEL1; MMP1; MMP10; MMP12; MMP13; MMP14; MMP19;
MMP2; MMP20; MMP21; MMP3; MMP7; MMP8; MMP9; MNI; MNS1; MNX1; MOB1A; MOCOS; MOCS1;
MOCS2; MOG; MOGS; MOK; MORC2; MPC1; MPDU1; MPDZ; MPG; MPHOSPH8; MPHOSPH9; MPI;
MPL; MPLKIP; MPO; MPP3; MPP4; MPP6; MPP7; MPST; MPV17; MPV17L2; MPZ; MPZL2; MR1; MRAP;
MRAP2; MRAS; MRC1; MRE11A; MREG; MR11; MROH2A; MROH2B; MROH6; MROH7-TTC4; MROH8;
MRPL16; MRPL23; MRPL28; MRPL3; MRPL36; MRPL4; MRPL44; MRPL46; MRPL9; MRPS12; MRPS14;
MRPS16; MRPS2; MRPS22; MRPS30; MRPS34; MRPS7; MRRF; MS4A1; MS4A12; MS4A2; MS4A3;
MS4A6A; MS4A6E; MSH2; MSH3; MSH4; MSH5-SAPCD1; MSH6; MSL2; MSL3; MSMB; MSMO1; MSN;
MSR1; MSRA; MSRB3; MST1; MST1R; MSTN; MSTO1; MSX1; MSX2; MT1A; MT2A; MTA1; MTA2; MTA3;
MTAP; MTBP; MTCH2; MTF1; MTFMT; MTFR1; MTHFD1; MTHFD1L; MTHFR; MTHFS; MTIF2; MTIF3;
MTM1; MTMR14; MTMR2; MTMR8; MTMR9; MTNR1A; MTNR1B; MTO1; MTOR; MTPAP; MTR; MTRR;
MTSS1; MTSS1L; MTPP; MTUS1; MUC1; MUC12; MUC13; MUC16; MUC17; MUC21; MUC4; MUC5B;
MUC6; MUC7; MURC; MUS81; MUSK; MUT; MUTYH; MVD; MVK; MX1; MX11; MXRA5; MXRA8; MYB;
MYBBP1A; MYBL2; MYBPC1; MYBPC3; MYBPHL; MYC; MYCBP2; MYCL; MYCN; MYD88; MYEF2;
MYF5; MYF6; MYH10; MYH11; MYH13; MYH14; MYH15; MYH2; MYH3; MYH4; MYH6; MYH7; MYH7B;
MYH8; MYH9; MYL1; MYL2; MYL3; MYL4; MYLIP; MYLK; MYLK2; MYLK4; MYLPF; MYNN; MYO15A;
MYO16; MYO18A; MYO18B; MYO1A; MYO1C; MYO1D; MYO1E; MYO1F; MYO3A; MYO3B; MYO5A;
MYO5B; MYO5C; MYO6; MYO7A; MYO7B; MYO9A; MYO9B; MYOC; MYOCD; MYOD1; MYOM1; MYOT;
MYOZ2; MYPN; MYRF; MYRFL; MYSM1; MYT1; MYT1L; MZT2B; N4BP2L2; NAA10; NAA15; NAALADL2;
NACCI; NADK2; NAGA; NAGLU; NAGPA; NAGS; NAI; NALCN; NAMPT; NANOS1; NANS; NAP1L2;
NAP1L3; NAPB; NAPRT; NARFL; NARS2; NAT1; NAT10; NAT2; NAT8L; NAV1; NAV2; NBAS; NBEA;
NBEAL2; NBN; NBPFF1; NCALD; NCAMI; NCAN; NCAPD2; NCAPD3; NCAPG2; NCAPH; NCF1; NCF2;
NCF4; NCK2; NCKAP1; NCLN; NCOA3; NCOA4; NCOR1; NCOR2; NCR1; NCR3; NCS1; NCSTN; NDE1;
NDN; NDNL2; NDOR1; NDP; NDRG1; NDRG4; NDST1; NDST3; NDST4; NDUFA1; NDUFA10; NDUFA11;
NDUFA12; NDUFA13; NDUFA2; NDUFA3; NDUFA4; NDUFA5; NDUFA6; NDUFA7; NDUFA8; NDUFA9;
NDUFAB1; NDUFAF1; NDUFAF2; NDUFAF3; NDUFAF4; NDUFAF5; NDUFAF6; NDUFAF7; NDUFB1;
NDUFB10; NDUFB11; NDUFB3; NDUFB4; NDUFB5; NDUFB6; NDUFB7; NDUFB8; NDUFB9; NDUFC1;
NDUFC2; NDUFC2-KCTD14; NDUFS1; NDUFS2; NDUFS3; NDUFS4; NDUFS5; NDUFS6; NDUFS7;
NDUFS8; NDUFV1; NDUFV2; NDUFV3; NEB; NEBL; NECAB2; NECAP1; NECAP2; NEDD4; NEDD4L;
NEDD8-MDP1; NEDD9; NEFH; NEFL; NEFM; NEGR1; NEIL1; NEIL2; NEK1; NEK2; NEK4; NEK8; NEK9;
NELFA; NELL1; NEMF; NEO1; NES; NET1; NETO2; NEU1; NEU2; NEUROD1; NEUROD2; NEUROG3;
NEXN; NF1; NF2; NFASC; NFAT5; NFATC2; NFATC3; NFATC4; NFE2L1; NFE2L2; NFIA; NFIB; NFIX;
NFKB1; NFKB2; NFKBIA; NFKBIL1; NFKBIZ; NFS1; NFU1; NGF; NGFR; NGLY1; NHEJ1; NHLRC1;
NHLRC2; NHP2; NHS; NHSL2; NICN1; NID1; NIN; NINJ1; NIP7; NIP1; NIP2; NIPAL4; NIPBL;
NIPSNAP1; NIPSNAP3A; NKAIN2; NKX2-1; NKX2-2; NKX2-3; NKX2-5; NKX2-6; NKX3-1; NKX3-2; NKX6-
2; NLGN1; NLGN2; NLGN3; NLGN4X; NLGN4Y; NLRC3; NLRC4; NLRC5; NLRP1; NLRP10; NLRP11;
NLRP12; NLRP13; NLRP14; NLRP2; NLRP3; NLRP4; NLRP5; NLRP6; NLRP7; NLRP8; NLRP9; NLRX1;
NM_001282192_1_f_ANG,RNASE4_546_20684758_3; NM_001282192_2_f_ANG,RNASE4_104_20693650_3;
NM_001282192_3_f_RNASE4,ANG_1248_20700602_3; NMB; NMD3; NME1; NME5; NME7; NME8; NME9;
NMI; NMNAT1; NMNAT2; NMT2; NMU; NNMT; NNT; NOBOX; NOD1; NOD2; NODAL; NOG; NOL3;
NONO; NOP10; NOP56; NOS1; NOSIAP; NOS2; NOS3; NOTCH1; NOTCH2; NOTCH3; NOTCH4; NOV;
NOX1; NOX3; NOXA1; NPAP1; NPAS2; NPAS3; NPAT; NPC1; NPC1L1; NPC2; NPFFR2; NPHP1; NPHP3;
NPHP3-ACAD11; NPHP4; NPHS1; NPHS2; NPIPA5; NPIP5; NPL; NPM1; NPPA; NPPA-AS1_3; NPPB;
NPPC; NPR1; NPR2; NPR3; NPRL2; NPRL3; NPSR1; NPTN; NPY; NPY1R; NPY2R; NQO1; NQO2; NROB1;
NROB2; NR_137294_1_f_RNR1_954_1601_1; NR1D1; NR1H2; NR1H3; NR1H4; NR1I2; NR1I3; NR2E1;
NR2E3; NR2F1; NR2F2; NR3C1; NR3C2; NR4A1; NR4A2; NR4A3; NR5A1; NR5A2; NRAS; NRCAM; NRD1;
NRG1; NRG3; NRIP1; NRL; NRN1L; NRPI; NRP2; NRTN; NRXN1; NRXN2; NRXN3; NSD1; NSDHL; NSF;
NSMAF; NSMCE2; NSMF; NSUN2; NSUN7; NT5C2; NT5C3A; NT5E; NTF3; NTF4; NTHL1; NTM; NTN1;
NTN4; NTNG1; NTRK1; NTRK2; NTRK3; NTS; NUAK1; NUB1; NUBPL; NUCB2; NUDC; NUDT1; NUDT15;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

NUDT6; NUMA1; NUMBL; NUP107; NUP133; NUP155; NUP160; NUP188; NUP205; NUP214; NUP37; NUP62; NUP85; NUP88; NUP93; NUP98; NUS1; NWD1; NXF3; NXF5; NXN; NXPE3; NYX; OAS1; OAS2; OAT; OAZ1; OBSCN; OBSL1; OCA2; OCLN; OCRL; ODC1; OFD1; OGDH; OGDHL; OGG1; OGT; OIT3; OLA1; OLFM2; OLFML2B; OLFML3; OLIG2; OLR1; OMG; OPA1; OPA3; OPCML; OPHN1; OPLAH; OPNILW; OPNIMW; OPNISW; OPN4; OPRD1; OPRK1; OPRL1; OPRM1; OPTC; OPTN; OR10K2; OR10X1; OR12D2; OR13C5; OR13G1; OR14A16; OR1B1; OR1F1; OR1J2; OR1N1; OR1S2; OR2J3; OR2T1; OR2T10; OR2T33; OR2T5; OR2W3; OR2Z1; OR4C12; OR4D11; OR51A2; OR51F1; OR51G1; OR52B4; OR52H1; OR52N4; OR5AC2; OR5H6; OR5L1; OR6K2; OR7D4; OR8K3; OR9I1; ORA11; ORC1; ORC4; ORC6; ORMDL3; OS9; OSBP; OSBPL2; OSBPL7; OSBPL9; OSGEP; OSGIN2; OSMR; OSR1; OSTM1; OTC; OTOA; OTOF; OTOG; OTOGL; OTOP2; OTOR; OTUD4; OTUD5; OTUD6B; OTULIN; OTX2; OVCH2; OVGP1; OVOL2; OXAIL; OXCT1; OXTR; P2RX1; P2RX2; P2RX4; P2RX5; P2RX5-TAX1BP3; P2RX7; P2RY11; P2RY12; P2RY4; P3H1; P3H2; P4HA1; P4HA2; P4HB; P4HTM; PABPC4L; PABPN1; PACS1; PACS2; PADI3; PADI4; PADI6; PAF1; PAFAH1B1; PAFAH1B3; PAH; PAK1; PAK3; PAK4; PAK6; PAK7; PALB2; PALLD; PALM; PALM2-AKAP2; PAM16; PAMR1; PANK2; PANX1; PAPD7; PAPOLA; PAPSS2; PAQR3; PARD3; PARD3B; PARD6A; PARK2; PARK7; PARL; PARN; PARP1; PARP14; PARP2; PARS2; PASK; PATL2; PATZ1; PAWR; PAX1; PAX2; PAX3; PAX4; PAX5; PAX6; PAX7; PAX8; PAX9; PAXBP1; PAXIP1; PBRM1; PBX1; PC; PCBD1; PCBP1; PCBP3; PCCA; PCCB; PCDH11X; PCDH12; PCDH15; PCDH19; PCDHA1; PCDHA10; PCDHA13; PCDHA3; PCDHA9; PCDHB1; PCDHB4; PCDHGC3; PCF11; PCGF2; PCGF5; PCK1; PCK2; PCLO; PCMI; PCMT1; PCNA; PCNT; PCOLCE; PCP4; PCSK1; PCSK2; PCSK5; PCSK6; PCSK9; PCYT1A; PDCD1; PDCD10; PDCD5; PDE10A; PDE11A; PDE1C; PDE3A; PDE4A; PDE4B; PDE4D; PDE4DIP; PDE6A; PDE6B; PDE6C; PDE6D; PDE6G; PDE6H; PDE7B; PDE8B; PDE9A; PDF; PDGFB; PDGFC; PDGFD; PDGFRA; PDGFRB; PDGFRL; PDHA1; PDHA2; PDHB; PDHX; PDIA3; PDK1; PDK2; PDK3; PDK4; PDLIM3; PDLIM4; PDLIM5; PDP1; PDP2; PDPK1; PDPR; PDS5A; PDSS1; PDSS2; PDX1; PDXK; PDYN; PDZD2; PDZD7; PDZK1; PDZRN3; PEAR1; PECAM1; PECR; PEMT; PENK; PEPD; PER1; PER2; PER3; PET100; PEX1; PEX10; PEX11B; PEX12; PEX13; PEX14; PEX16; PEX19; PEX2; PEX26; PEX3; PEX5; PEX6; PEX7; PFAS; PFKFB1; PFKL; PFKM; PFKP; PFN1; PGAM1; PGAM2; PGAM5; PGAP1; PGAP2; PGAP3; PGBD1; PGBD3; PGC; PGD; PGK1; PGM1; PGM3; PGPEP1; PGR; PGRMC1; PGRMC2; PGS1; PHACTR1; PHB; PHC1; PHEX; PHF11; PHF2; PHF20; PHF21A; PHF3; PHF6; PHF7; PHF8; PHGDH; PHIP; PHKA1; PHKA2; PHKB; PHKG2; PHLDA2; PHLPP1; PHLPP2; PHOX2A; PHOX2B; PHTF1; PHYH; PHYKPL; PI3; PI4K2B; PI4KA; PIAS1; PIBF1; PICALM; PICK1; PIEZO1; PIEZO2; PIF1; PIGA; PIGB; PIGC; PIGF; PIGG; PIGL; PIGM; PIGN; PIGO; PIGP; PIGQ; PIGR; PIGS; PIGT; PIGV; PIGW; PIGX; PIGZ; PIH1D3; PIK3AP1; PIK3C2A; PIK3C2G; PIK3C3; PIK3CA; PIK3CB; PIK3CD; PIK3CG; PIK3R1; PIK3R2; PIK3R3; PIK3R4; PIK3R5; PIKIFYVE; PIM1; PIN1; PIN4; PINK1; PIP4K2A; PIP5K1B; PIP5K1C; PISD; PITPNA; PITPNM3; PITRM1; PITX1; PITX2; PITX3; PIWIL3; PKD1; PKD1L1; PKD2; PKD2L1; PKDCC; PKHD1; PKLR; PKM; PKN3; PKP1; PKP2; PLA2G10; PLA2G2A; PLA2G2D; PLA2G4A; PLA2G4C; PLA2G4D; PLA2G4E; PLA2G5; PLA2G6; PLA2G7; PLAA; PLAG1; PLAGL1; PLAT; PLAU; PLAU; PLB1; PLCB1; PLCB2; PLCB4; PLCD1; PLCE1; PLCG2; PLCZ1; PLD1; PLD2; PLD3; PLEC; PLEKHA1; PLEKHA4; PLEKHG1; PLEKHG2; PLEKHG4; PLEKHG4B; PLEKHG5; PLEKHM1; PLEKHM2; PLG; PLIN1; PLIN4; PLK4; PLN; PLOD1; PLOD2; PLOD3; PLP1; PLP2; PLS1; PLS3; PLTP; PLVAP; PLXNA2; PLXNA3; PLXNB1; PLXNB3; PLXNC1; PLXND1; PMAIP1; PMF1-BGLAP; PMFBP1; PML; PMM2; PMP2; PMP22; PMPCA; PMPCB; PMS1; PMS2; PMVK; PNCK; PNKD; PNKP; PNLIP; PNMT; PNP; PNPLA1; PNPLA2; PNPLA3; PNPLA4; PNPLA6; PNPLA8; PNPO; PNPT1; POC1A; POC1B; POC1B-GALNT4; POC5; PODN; PODXL; POF1B; POFUT1; POFUT2; POGUT1; POGZ; POLA1; POLB; POLD1; POLE; POLE2; POLG; POLG2; POLH; POLK; POLL; POLN; POLQ; POLR1A; POLR1C; POLR1D; POLR2B; POLR2E; POLR2M; POLR3A; POLR3B; POLR3GL; POLRMT; POMC; POMGNT1; POMGNT2; POMK; POMP; POMT1; POMT2; PON1; PON2; PON3; POP1; POR; PORCN; POSTN; POT1; POU1F1; POU2AF1; POU3F3; POU3F4; POU4F1; POU4F3; POU5F1; POU6F2; PPA1; PPA2; PPA2-P2RY11; PPARA; PPARD; PPARG; PPARGC1A; PPARGC1B; PPAT; PPCS; PPIA; PPIB; PPIG; PPIP5K2; PPM1B; PPM1D; PPM1G; PPM1K; PPOX; PPP1CA; PPP1CB; PPP1CC; PPP1R12A; PPP1R12B; PPP1R13B; PPP1R13L; PPP1R15B; PPP1R17; PPP1R1A; PPP1R1B; PPP1R37; PPP1R3A; PPP1R3B; PPP1R3C; PPP1R9B; PPP2CA; PPP2R1A; PPP2R1B; PPP2R2B; PPP2R2C; PPP2R3C; PPP2R5B; PPP2R5C; PPP2R5D; PPP3CA; PPP3CC; PPP3R1; PPP6C; PPP6R2; PPRC1; PPT1; PPT2; PPT2-EGFL8; PQBP1; PRAMEF1; PRAMEF2; PRB1; PRB2; PRB3; PRB4; PRC1; PRCC; PRCD; PRCP; PRDM1; PRDM12; PRDM13; PRDM16; PRDM2; PRDM5; PRDM6;

The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

PRDM8; PRDM9; PRDX1; PRELP; PREPL; PREX2; PRF1; PRG4; PRH1-PRR4; PRICKLE1; PRICKLE2;
PRICKLE3; PRIMA1; PRIMPOL; PRKAA2; PRKACA; PRKACG; PRKAG2; PRKAG3; PRKARIA; PRKAR1B;
PRKCA; PRKCB; PRKCD; PRKCE; PRKCG; PRKCH; PRKCQ; PRKCSH; PRKCZ; PRKD1; PRKD3;
PRKDC; PRKG1; PRKG2; PRKRA; PRL; PRLH; PRLHR; PRLR; PRM1; PRM2; PRMT7; PRMT9; PRND;
PRNP; PROB1; PROC; PROCR; PRODH; PROK1; PROK2; PROKR1; PROKR2; PROM1; PROP1; XII.01;
PROSC; PROX1; PROX2; PROZ; PRPF3; PRPF31; PRPF38B; PRPF4; PRPF6; PRPF8; PRPH; PRPH2;
PRPS1; PRR12; PRR36; PRR5; PRR5-ARHGAP8; PRRC2A; PRRT2; PRRX1; PRSS1; PRSS12; PRSS2;
PRSS22; PRSS33; PRSS37; PRSS56; PRSS57; PRSS8; PRTG; PRTN3; PRUNE2; PRX; PRY; PRY2; PSAP;
PSAT1; PSCA; PSEN1; PSEN2; PSENEN; PSMA3; PSMA4; PSMA6; PSMA7; PSMB4; PSMB8; PSMB9;
PSMC1; PSMC3; PSMC3IP; PSMD11; PSMD12; PSMD7; PSMG2; PSPH; PSPN; PSTPIP1; PSTPIP2;
PTAFR; PTC1; PTCH1; PTCH2; PTCHD1; PTCHD3; PTDSS1; PTEN; PTF1A; PTGDR; PTGDR2;
PTGER2; PTGER4; PTGES2; PTGES3L; PTGES3L-AARSD1; PTGFR; PTGIR; PTGIS; PTGS1; PTGS2; PTH;
PTH1R; PTH2R; PTHLH; PTK6; PTK7; PTOV1; PTPN1; PTPN11; PTPN12; PTPN13; PTPN14; PTPN2;
PTPN21; PTPN22; PTPN23; PTPN3; PTPN5; PTPN6; PTPRC; PTPRD; PTPRF; PTPRJ; PTPRN2; PTPRO;
PTPRQ; PTPRS; PTPRT; PTPRU; PTPRZ1; PTRF; PTRH1; PTRH2; PTS; PTX3; PUF60; PUM1; PURA;
PUS1; PUS3; PUS7; PVR; PVRL1; PVRL4; PVT1; PWAR1; PWRN1; PXDN; PXDNL; PYCR1; PYCR2;
PYCRL; PYGB; PYGL; PYGM; PYHIN1; PYROXD1; PYURF; PYY; PZP; QARS; QDPR; QKI; QRFFR;
QRICH1; QRICH2; QRSL1; RAB11B; RAB11FIP4; RAB11FIP5; RAB18; RAB23; RAB25; RAB27A; RAB27B;
RAB28; RAB29; RAB2A; RAB33B; RAB39B; RAB3GAP1; RAB3GAP2; RAB40AL; RAB7A; RABEPK;
RABGGTA; RABL6; RAC1; RAC2; RAC3; RAD1; RAD17; RAD18; RAD21; RAD21L1; RAD23B; RAD50;
RAD51; RAD51B; RAD51C; RAD51D; RAD51L3-RFFL; RAD52; RAD54B; RAD54L; RAD9A; RAE1;
RAETIL; RAF1; RAG1; RAG2; RAI1; RAI2; RALA; RALGAP1; RALGAPB; RALGDS; RANBP2; RAP1A;
RAP1B; RAP1GDS1; RAPGEF1; RAPGEF4; RAPGEFL1; RAPH1; RAPSN; RARA; RARB; RARG; RARS;
RARS2; RASA1; RASA2; RASA3; RASAL1; RASAL2; RASAL3; RASGEF1B; RASGRF1; RASGRP1; RASGRP2;
RASGRP3; RASSF1; RASSF5; RAX; RAX2; RB1; RBICC1; RBAK; RBAK-RBAKDN; RBBP8; RBCK1;
RBFOX1; RBFOX2; RBFOX3; RBL1; RBL2; RBM10; RBM15; RBM20; RBM28; RBM48; RBM8A; RBMX;
RBMXL2; RBMY1A1; RBP1; RBP3; RBP4; RBPJ; RBPJL; RBSN; RC3H1; RCAN1; RCBTBI; RCC2;
RCHY1; RCOR1; RD3; RDH11; RDH12; RDH13; RDH5; RDH8; RDX; REC8; RECQL; RECQL4; RECQL5;
REEP1; REEP2; REEP6; REL; RELA; RELB; RELN; RELT; REM1; REN; REPS1; REPS2; RERE; RERG;
RERGL; REST; RET; RETN; REV3L; RFC2; RFC4; RFT1; RFWD2; RFWD3; RFX1; RFX2; RFX4; RFX5;
RFX6; RFX8; RFXANK; RFXAP; RGL1; RGMA; RGP4; RGR; RGS2; RGS5; RGS6; RGS7; RGS9; RGS9BP;
RHAG; RHBDD2; RHBDD3; RHBDF1; RHBDF2; RHCE; RHD; RHEB; RHO; RHOA; RHOB; RHOBTB2;
RHOG; RHOH; RHPN2; RIC1; RIC3; RICTOR; RIMS1; RIMS2; RIMS3; RIN2; RINT1; RIOK2; RIPK1;
RIPK2; RIPK3; RIPK4; RIPPLY2; RIT1; RIT2; RLBP1; RLIM; RLN3; RMDN2; RMI1; RMND1; RMRP;
RNASE3; RNASE4.ANG; RNASEH1; RNASEH2A; RNASEH2B; RNASEH2C; RNASEL; RNASET2; RNF113A;
RNF114; RNF125; RNF128; RNF13; RNF135; RNF139; RNF14; RNF167; RNF168; RNF170; RNF20;
RNF212; RNF213; RNF216; RNF31; RNF43; RNF6; RNLS; RNPC3; ROBO1; ROBO2; ROBO3; ROBO4;
ROCK1; ROCK2; ROGDI; ROM1; ROPN1L; ROR1; ROR2; RORA; RORB; RORC; ROS1; RP1; RP1-130H16;
RP1-138B7; RP1-139D8; RP1-159G19; RP1-172N19; RP1-228P16; RP1-240B8; RP1-309K20; RP1-317E23;
RP1-321E8; RP1-321I0; RP1-34H18; RP1-37E16; RP1-4G17; RP1-66C13; RP1-90G24; RP1L1; RP2; RP9;
RPA1; RPA4; RPE65; RPGR; RPGRIP1; RPGRIP1L; RPH3A; RPH3AL; RPIA; RPL10; RPL10L; RPL11;
RPL15; RPL18; RPL21; RPL24; RPL26; RPL27; RPL35; RPL35A; RPL36; RPL36A-HNRNPH2; RPL38;
RPL4; RPL5; RPL6; RPL9; RPN2; RPS10; RPS10-NUDT3; RPS14; RPS15; RPS15A; RPS17; RPS19; RPS20;
RPS23; RPS24; RPS26; RPS27; RPS28; RPS29; RPS3; RPS4Y2; RPS5; RPS6KA3; RPS6KB1; RPS6KC1;
RPS6KL1; RPS7; RPSA; RPTOR; RPUSD1; RPUSD3; RRAS; RRAS2; RREB1; RRH; RRM1; RRM2B; RRP1;
RRP1B; RRP8; RS1; rs10835638; rs111033656; rs111033728; rs111033736; rs111033750; rs112782763;
rs113588187; rs117113959; rs117386523; rs117714350; rs121908644; rs121908645; rs137852575;
rs147324677; rs150942317; rs17349280; rs17424561; rs17425867; rs199667576; rs199915614; rs2070075;
rs2293275; rs28651243; rs28717001; rs28942071; rs371265106; rs397508266; rs397517932; rs747573166;
rs750043585; rs75039782; rs75391579; rs773105453; rs79579403; rs80149210; rs9649298; RSC1A1; RSPH1;
RSPH3; RSPH4A; RSPH9; RSP01; RSP02; RSP04; RSPRY1; RSR1; RSR2; RSU1; RTEL1-TNFRSF6B;
RTKN2; RTN2; RTN4IP1; RTN4R; RTN; RUFY3; RUNC1; RUNX1; RUNX1T1; RUNX2; RUNX3; RUSC2;
RUVBL1; RXFP2; RXRA; RXRG; RYK; RYR1; RYR2; RYR3; S100A14; S100A3; S100B; SIPR1; SIPR2; SAA1;
SAA2; SAA2-SAA4; SACS; SAFB; SAFB2; SAG; SAGE1; SALL1; SALL2; SALL3; SALL4; SAMD4A; SAMD9;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

SAMD9L; SAMHD1; SAR1B; SARDH; SARM1; SARS; SARS2; SART1; SART3; SASH1; SASH3; SASS6; SAT1; SATB2; SATL1; SBDS; SBF1; SBF2; SBK3; SBNO1; SBNO2; SC5D; SCAF4; SCAMP4; SCAP; SCAPER; SCARB1; SCARB2; SCARF2; SCG2; SCG3; SCG5; SCGB1A1; SCGB1D2; SCGB3A2; SCLT1; SCN10A; SCN11A; SCN1A; SCN1B; SCN2A; SCN2B; SCN3A; SCN3B; SCN4A; SCN4B; SCN5A; SCN7A; SCN8A; SCN9A; SCNN1A; SCNN1B; SCNN1D; SCNN1G; SCO1; SCO2; SCP2; SCRIB; SCRNI; SCT; SCUBE2; SCUBE3; SCYL1; SDC1; SDC3; SDC4; SDCCAG8; SDHA; SDHAF1; SDHAF2; SDHB; SDHC; SDHD; SDK1; SDR9C7; SDSL; SEC14L1; SEC23A; SEC23B; SEC24C; SEC24D; SEC61A1; SEC61B; SEC63; SECISBP2; SEL1L; SELE; SELENBP1; SELP; SELPLG; SEMA3A; SEMA3C; SEMA3D; SEMA3E; SEMA4A; SEMA4C; SEMA4D; SEMA4G; SEMA5A; SEMA6B; SEMA6D; SEMA7A; SEMG1; SENP6; SEPNI; SEPSECS; SEPT12; SEPT14; SEPT5; SEPT9; SERAC1; SERPINA1; SERPINA10; SERPINA3; SERPINA6; SERPINA7; SERPINB11; SERPINB13; SERPINB3; SERPINB4; SERPINB5; SERPINB6; SERPINB7; SERPINB8; SERPINC1; SERPIND1; SERPINE1; SERPINF1; SERPINF2; SERPING1; SERPINH1; SERPINI1; SERPINI2; SERTAD1; SESN2; SESN3; SET; SETBP1; SETD1A; SETD2; SETD5; SETD6; SETD9; SETDB1; SETDB2; SETX; SEZ6; SEZ6L; SEZ6L2; SF3B1; SF3B2; SF3B3; SF3B4; SFMBT1; SFPQ; SFRP1; SFRP2; SFRP4; SFTP1A; SFTP1A2; SFTP1B; SFTP1C; SFTP1D; SFXN4; SGCA; SGCB; SGCD; SGCE; SGCG; SGK1; SGK3; SGMS2; SGOL1; SGOL2; SGPL1; SGSH; SGSM2; SH2B1; SH2B3; SH2D1A; SH3BGL2; SH3BP2; SH3GL1; SH3KBP1; SH3PXD2B; SH3TC2; SHANK1; SHANK2; SHARPIN; SHBG; SHCBP1L; SHFM1; SHH; SHMT1; SHOC2; SHOX; SHOX2; SHROOM3; SHROOM4; SI; SIAE; SIDT1; SIGLEC12; SIGLEC14; SIGLEC6; SIGMARI; SIK1; SIK3; SIL1; SIM1; SIM2; SIN3A; SIPA1; SIPA1L1; SIPA1L2; SIPA1L3; SIRT1; SIRT3; SIRT5; SIRT6; SIX1; SIX2; SIX3; SIX5; SIX6; SKI; SKIL; SKIV2L; SKP1; SLA; SLA2; SLBP; SLC10A1; SLC10A2; SLC10A7; SLC11A1; SLC11A2; SLC12A1; SLC12A2; SLC12A3; SLC12A5; SLC12A6; SLC12A7; SLC13A1; SLC13A2; SLC13A3; SLC13A5; SLC14A1; SLC14A2; SLC15A1; SLC16A1; SLC16A12; SLC16A2; SLC16A3; SLC16A8; SLC17A1; SLC17A3; SLC17A5; SLC17A8; SLC17A9; SLC18A1; SLC18A2; SLC18A3; SLC19A1; SLC19A2; SLC19A3; SLC1A1; SLC1A2; SLC1A3; SLC1A4; SLC1A5; SLC20A2; SLC22A1; SLC22A11; SLC22A12; SLC22A14; SLC22A18; SLC22A2; SLC22A3; SLC22A4; SLC22A5; SLC22A6; SLC22A9; SLC23A1; SLC24A1; SLC24A2; SLC24A4; SLC24A5; SLC25A1; SLC25A10; SLC25A11; SLC25A12; SLC25A13; SLC25A15; SLC25A16; SLC25A19; SLC25A20; SLC25A22; SLC25A24; SLC25A25; SLC25A26; SLC25A3; SLC25A32; SLC25A35; SLC25A38; SLC25A39; SLC25A4; SLC25A42; SLC25A43; SLC25A46; SLC25A47; SLC25A5; SLC26A1; SLC26A10; SLC26A2; SLC26A3; SLC26A4; SLC26A5; SLC26A6; SLC26A8; SLC26A9; SLC27A1; SLC27A3; SLC27A4; SLC27A5; SLC28A1; SLC28A2; SLC28A3; SLC29A1; SLC29A2; SLC29A3; SLC29A4; SLC2A1; SLC2A10; SLC2A2; SLC2A3; SLC2A4; SLC2A4RG; SLC2A5; SLC2A9; SLC30A10; SLC30A2; SLC30A5; SLC30A6; SLC30A7; SLC30A8; SLC30A9; SLC31A1; SLC33A1; SLC34A1; SLC34A2; SLC34A3; SLC35A1; SLC35A2; SLC35A3; SLC35A5; SLC35C1; SLC35D1; SLC35E2B; SLC35F3; SLC35G1; SLC35G2; SLC36A2; SLC37A4; SLC38A3; SLC38A5; SLC38A6; SLC38A8; SLC39A11; SLC39A12; SLC39A13; SLC39A14; SLC39A4; SLC39A5; SLC39A8; SLC3A1; SLC40A1; SLC41A1; SLC44A2; SLC44A4; SLC45A1; SLC45A2; SLC46A1; SLC46A3; SLC47A1; SLC47A2; SLC4A1; SLC4A10; SLC4A11; SLC4A2; SLC4A3; SLC4A4; SLC4A5; SLC4A7; SLC52A1; SLC52A2; SLC52A3; SLC5A1; SLC5A11; SLC5A2; SLC5A5; SLC5A7; SLC5A9; SLC6A1; SLC6A11; SLC6A12; SLC6A13; SLC6A14; SLC6A17; SLC6A18; SLC6A19; SLC6A2; SLC6A20; SLC6A3; SLC6A4; SLC6A5; SLC6A6; SLC6A7; SLC6A8; SLC6A9; SLC7A1; SLC7A10; SLC7A11; SLC7A14; SLC7A2; SLC7A5; SLC7A7; SLC7A8; SLC7A9; SLC8A1; SLC8A3; SLC9A1; SLC9A2; SLC9A3; SLC9A3R1; SLC9A3R2; SLC9A6; SLC9A7; SLC9A9; SLC9B1; SLC01A2; SLC01B1; SLC01B3; SLC01C1; SLC02A1; SLC02B1; SLC05A1; SLFN14; SLFN5; SLIT1; SLIT2; SLIT3; SLITRK1; SLITRK5; SLITRK6; SLMAP; SLPI; SLTM; SLURP1; SLX4; SMAD1; SMAD2; SMAD3; SMAD4; SMAD5; SMAD6; SMAD7; SMAD9; SMARCA1; SMARCA2; SMARCA4; SMARCA5; SMARCAD1; SMARCAL1; SMARCB1; SMARCC1; SMARCC2; SMARCD2; SMARCE1; SMC1A; SMC1B; SMC3; SMC4; SMCHD1; SMG1; SMG6; SMG9; SMIM1; SMIM3; SMN1; SMN2; SMNDC1; SMO; SMOC1; SMOC2; SMPD1; SMPD3; SMPD4; SMPX; SMS; SMUG1; SMYD3; SNAI2; SNAP25; SNAP29; SNAPC4; SNAPC5; SNAPIN; SNCA; SNCAIP; SNCB; SND1; SNED1; SNIP1; SNRK; SNRNP200; SNRPA; SNRPB; SNRPE; SNRPN; SNTA1; SNTB1; SNTG1; SNTG1; SNTG2; SNURF; SNW1; SNX1; SNX10; SNX13; SNX14; SNX17; SNX19; SNX27; SNX3; SNX5; SOAT1; SOBP; SOCS1; SOCS3; SOD1; SOD2; SOD3; SOGA3; SOHLH1; SON; SORBS1; SORCS1; SORL1; SORT1; SOS1; SOS2; SOST; SOX10; SOX11; SOX14; SOX17; SOX18; SOX2; SOX3; SOX4; SOX5; SOX6; SOX7; SOX8; SOX9; SP100; SP110; SP140; SP4; SP7; SP8; SPAG1; SPAG16; SPAG17; SPAG7; SPAG8; SPANXN4; SPARC; SPAST; SPATA13; SPATA16; SPATA18; SPATA21; SPATA22; SPATA5; SPATA5L1; SPATA7; SPATC1L; SPDL1; SPECC1; SPECC1L-ADORA2A; SPEF2; SPEG; SPEN;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

SPG11; SPG20; SPG21; SPG7; SPI1; SPIB; SPIDR; SPINK1; SPINK2; SPINK5; SPINT2; SPNS2; SPOCK1; SPOP; SPP1; SPR; SPRED1; SPRED2; SPRN; SPRR3; SPRTN; SPRY2; SPRY3; SPRY4; SPSB1; SPTA1; SPTAN1; SPTB; SPTBN1; SPTBN2; SPTBN4; SPTBN5; SPTLC1; SPTLC2; SPTLC3; SQSTM1; SRA1; SRC; SRCAP; SRD5A1; SRD5A2; SRD5A3; SREBF1; SREBF2; SREK1; SRGAP1; SRGAP2; SRGAP3; SRI; VIII.14; VIII.54; VIII.72; SRPK3; SRPX; SRPX2; SRR; SRRM4; SRSF1; SRSF2; SRY; SS18L1; SSBP2; SSC5D; SSH1; SSPN; SSR4; SST; SSTR2; SSTR5; SSX1; SSX2; SSX7; ST14; ST20-MTHFS; ST3GAL1; ST3GAL2; ST3GAL3; ST3GAL4; ST3GAL5; ST3GAL6; ST5; ST6GAL1; ST6GAL2; ST6GALNAC1; ST6GALNAC2; ST6GALNAC3; ST6GALNAC4; ST6GALNAC5; ST6GALNAC6; ST7; ST7-OT4_2; ST7-OT4_3; ST8SIA1; ST8SIA2; ST8SIA3; ST8SIA4; ST8SIA5; ST8SIA6; STAC2; STAC3; STAG1; STAG2; STAG3; STAMPB; STAP1; STAR; STARD9; STAT1; STAT2; STAT3; STAT4; STAT5B; STAT6; STEAP3; STEAP4; STH; STIL; STIM1; STIM2; STK10; STK11; STK11IP; STK19; STK3; STK32A; STK32B; STK33; STK35; STK36; STK39; STK4; STMN1; STOM; STOX1; STRA6; STRADA; STRC; STRN4; STS; STT3A; STT3B; STUB1; STX11; STX16; STX16-NPEPL1; STX1A; STX1B; STX3; STX7; STX8; STXBP1; STXBP2; STXBP5; STXBP5L; SUCLA2; SUCLG1; SUCLG2; SUCO; SUFU; SUGCT; SUGP1; SULF1; SULT1A1; SULT1C2; SULT1C3; SULT1E1; SULT2A1; SULT2B1; SULT4A1; SUMF1; SUMO1; SUMO4; SUN1; SUN2; SUN5; SUOX; SUPT16H; SUPT20H; SURF1; SUV39H1; SUZ12; SV2A; SV2B; SVIL; sY127; sY134; sY242; sY84; sY86; SYCE1; SYCE2; SYCP2; SYCP3; SYDE2; SYK; SYN1; SYN2; SYN3; SYNCRIP; SYNE1; SYNE2; SYNE4; SYNGAP1; SYNGR1; SYNJ1; SYNJ2; SYNM; SYNPO; SYNPR; SYP; SYT1; SYT11; SYT12; SYT14; SYT17; SYT2; SYT4; SYT6; SYTL2; SYTL3; SYTL5; SYVNI; SZT2; T; TAAR1; TAAR6; TAAR9; TAB2; TAC3; TACC3; TACO1; TACR3; TACSTD2; TAF1; TAF13; TAF15; TAF1C; TAF1L; TAF2; TAF4; TAF4B; TAF6; TAF7L; TAF9B; TAL1; TAL2; TALDO1; TANC1; TANC2; TANGO2; TAOK1; TAOK3; TAP1; TAP2; TAPBP; TAPT1; TARDBP; TARS2; TAS1R1; TAS1R2; TAS1R3; TAS2R16; TAS2R19; TAS2R3; TAS2R38; TAS2R46; TAS2R50; TAS2R9; TASP1; TAT; TAX1BP3; TAZ; TBATA; TBC1D1; TBC1D20; TBC1D23; TBC1D24; TBC1D25; TBC1D30; TBC1D32; TBC1D4; TBC1D7; TBC1D8B; TBC1D9; TBCD; TBCE; TBCK; TBK1; TBLIX; TBLIXR1; TBL1Y; TBL2; TBP; TBR1; TBX1; TBX10; TBX15; TBX18; TBX19; TBX2; TBX20; TBX21; TBX22; TBX3; TBX4; TBX5; TBX6; TBXA2R; TBXAS1; TCAF2; TCEA2; TCEB1; TCEB3B; TCF12; TCF20; TCF21; TCF3; TCF4; TCF7; TCF7L1; TCF7L2; TCHH; TCIRG1; TCL1A; TCN1; TCN2; TCOF1; TCP1; TCP10; TCTE1; TCTE3; TCTEX1D2; TCTN1; TCTN2; TCTN3; TDGF1; TDO2; TDPI; TDP2; TDRD12; TDRD5; TDRD6; TDRD7; TDRD9; TDRKH; TEAD1; TEC; TECPR2; TECR; TECRL; TECTA; TEK; TEKT2; TELO2; TENM1; TENM2; TENM3; TENM4; TEP1; TERC; TERF2IP; TERT; TET1; TET2; TEX11; TEX14; TEX15; TEX22; TF; TFAM; TFAP2A; TFAP2B; TFB1M; TFCP2; TFE3; TFF1; TFG; TFP1; TFR2; TFR3; TG; TGDS; TGFA; TGFB1; TGFB2; TGFB3; TGFB4; TGFB5; TGFBR1; TGFBR2; TGFBR3; TGFBRAP1; TGIF1; TGM1; TGM2; TGM3; TGM5; TGM6; TH; THADA; THAP1; THAP11; THBD; THBS1; THBS2; THBS3; THBS4; THG1L; THOC2; THOC6; THPO; THRA; THRB; THSD1; THSD7A; THTPA; TIA1; TIAM1; TICAM1; TICRR; TIMM44; TIMM50; TIMM8A; TIMMDC1; TIMP1; TIMP2; TIMP3; TINAG; TINF2; TIRAP; TJP2; TK1; TK2; TKT; TLE6; TLK1; TLK2; TLL1; TLR1; TLR10; TLR2; TLR3; TLR4; TLR5; TLR6; TLR7; TLR8; TLR9; TLX1; TLX2; TLX3; TM4SF19-TCTEX1D2; TMC1; TMC3; TMC6; TMC8; TMCC2; TMC01; TMC03; TMC05A; TMED9; TMEM106B; TMEM107; TMEM114; TMEM126A; TMEM126B; TMEM127; TMEM132D; TMEM132E; TMEM135; TMEM138; TMEM165; TMEM17; TMEM173; TMEM183A; TMEM185A; TMEM187; TMEM199; TMEM2; TMEM216; TMEM230; TMEM231; TMEM237; TMEM240; TMEM256; TMEM256-PLSCR3; TMEM260; TMEM38B; TMEM39A; TMEM43; TMEM47; TMEM5; TMEM50B; TMEM59; TMEM67; TMEM70; TMEM87B; TMEM8A; TMEM8C; TMEM9; TMEM92; TMEM98; TMEM99; TMIE; TMLHE; TMPO; TMPRSS11A; TMPRSS15; TMPRSS2; TMPRSS3; TMPRSS4; TMPRSS5; TMPRSS6; TMTC3; TMTC4; TMX2; TMX2-CTNND1; TMX3; TNC; TNF; TNFAIP2; TNFAIP3; TNFRSF10A; TNFRSF10B; TNFRSF11A; TNFRSF11B; TNFRSF13B; TNFRSF13C; TNFRSF14; TNFRSF17; TNFRSF1A; TNFRSF1B; TNFRSF25; TNFRSF4; TNFRSF6B; TNFRSF8; TNFRSF9; TNFSF11; TNFSF12; TNFSF12-TNFSF13; TNFSF13; TNFSF15; TNFSF4; TNFSF8; TNIK; TNK2; TNKS; TNNC1; TNNI2; TNNI3; TNNI3K; TNNT1; TNNT2; TNNT3; TNP1; TNPO2; TNPO3; TNR; TNRC6B; TNS2; TNS3; TNXB; TOE1; TOMIL2; TOMM40; TONSL; TOP1; TOP1MT; TOP2A; TOP2B; TOP3A; TOPBP1; TOPORS; TOR1A; TOR1AIP1; TOX2; TOX3; TP53; TP53AIP1; TP53BP1; TP53I3; TP53RK; TP63; TP73; TPCN2; TPH1; TPH2; TPI1; TPK1; TPM1; TPM2; TPM3; TPMT; TPO; TPP1; TPP2; TPR; TPRKB; TPRN; TPSB2; TPTE; TPTE2; TRAC; TRADD; TRAF1; TRAF3; TRAF3IP1; TRAF3IP2; TRAF6; TRAF7; TRAIIP; TRAK1; TRAK2; TRAP1; TRAPPC10; TRAPPC11; TRAPPC12; TRAPPC2; TRAPPC2L; TRAPPC3; TRAPPC5; TRAPPC6A; TRAPPC6B; TRAPPC9; TRDN; TREH; TREM2; TRERF1; TREX1; TREX2; TRH; TRHDE; TRHR; TRIB1; TRIB2; TRIB3; TRIL; TRIM14;

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

TRIM17; TRIM2; TRIM21; TRIM22; TRIM24; TRIM28; TRIM32; TRIM33; TRIM34; TRIM36; TRIM37;
TRIM4; TRIM44; TRIM5; TRIM54; TRIM63; TRIM6-TRIM34; TRIM8; TRIML1; TRIO; TRIOBP; TRIP10;
TRIP11; TRIP12; TRIP13; TRIP4; TRIT1; TRMT1; TRMT10A; TRMT10C; TRMT5; TRMU; TRNT1; TROAP;
TROVE2; TRPA1; TRPC1; TRPC3; TRPC4; TRPC5; TRPC6; TRPM1; TRPM2; TRPM3; TRPM4; TRPM6;
TRPM7; TRPS1; TRPV1; TRPV3; TRPV4; TRPV5; TRPV6; TRRAP; TSC1; TSC2; TSEN15; TSEN2; TSEN34;
TSEN54; TSM; TSG101; TSGA10; TSHB; TSHR; TSHZ1; TSHZ2; TSHZ3; TSIX; TSLP; TSNAX-DISC1;
TSNAXIP1; TSPAN1; TSPAN12; TSPAN17; TSPAN5; TSPAN7; TSPAN8; TSPEAR; TSPO; TSPY1; TSPYL1;
TSPYL2; TSR2; TSSC4; TSSK2; TSSK3; TSSK4; TST; TTBK1; TTBK2; TTC1; TTC14; TTC16; TTC19;
TTC21A; TTC21B; TTC25; TTC37; TTC39A; TTC4; TTC7A; TTC8; TTF2; TTI1; TTI2; TTK; TLLL1; TLLL11;
TLLL5; TTN; TTPA; TTR; TUB; TUBA1A; TUBA3D; TUBA3E; TUBA4A; TUBA8; TUBB; TUBB1; TUBB2A;
TUBB2B; TUBB3; TUBB4A; TUBB4B; TUBB6; TUBB8; TUBG1; TUBGCP4; TUBGCP5; TUBGCP6; TUFM;
TULP1; TULP3; TUSC3; TUT1; TWIST1; TWIST2; TXN2; TXNDC15; TXNIP; TXNL4A; TXNRD2; TYK2;
TYMP; TYMS; TYR; TYRO3; TYROBP; TYRP1; U2AF1; UACA; UBA1; UBA2; UBA3; UBA5; UBAC2;
UBAP1; UBB; UBD; UBE2A; UBE2B; UBE2G2; UBE2H; UBE2I; UBE2T; UBE3A; UBE3B; UBE3C;
UBE4A; UBIAD1; UBN1; UBN2; UBQLN1; UBQLN2; UBR1; UBR3; UBR4; UBR5; UBR7; UBTF; UCHL1;
UCN; UCPI; UCP2; UCP3; UFC1; UFD1L; UFM1; UFSP2; UGDH; UGGT1; UGGT2; UGT1A1; UGT1A10;
UGT1A4; UGT1A5; UGT1A6; UGT1A7; UGT1A8; UGT1A9; UGT2A1; UGT2A3; UGT2B10; UGT2B15;
UGT2B17; UGT2B4; UGT2B7; UGT8; UHMK1; UHRF1BP1; UIMC1; ULK2; ULK4; UMOD; UMODL1;
UMPS; UNC119; UNC13A; UNC13C; UNC13D; UNC45B; UNC5B; UNC5C; UNC5CL; UNC79; UNC80;
UNC93A; UNC93B1; UNG; UNKL; UPB1; UPF3B; UPK3A; UPP1; UQCC2; UQCC3; UQCR11; UQCRB;
UQCRC1; UQCRC2; UQCRFS1; UQCRH; UQCRQ; URB1; URB1-AS1; URB2; URII; UROC1; UROD;
UROS; USB1; USF1; USF2; USH1C; USH1G; USH2A; USPI; USP11; USP15; USP18; USP19; USP24;
USP26; USP27X; USP28; USP3; USP44; USP45; USP46; USP48; USP51; USP53; USP7; USP8; USP9X;
USP9Y; UST; UTF1; UTP14C; UTRN; UTS2; UVRAG; UVSSA; VAC14; VAMP1; VAMP7; VANGL1;
VANGL2; VAPB; VARS; VARS2; VAV1; VAX1; VAX2; VBPI; VCAM1; VCAN; VCL; VCP; VCX3A; VCY;
VDAC1; VDR; VEGFA; VEGFC; VHL; VIL1; VIM; VIP; VIPAS39; VIPR2; VIT; VKORC1; VKORC1L1;
VLDLR; VMA21; VMP1; VNN1; VNN2; VPREB1; VPS11; VPS13A; VPS13B; VPS13C; VPS13D; VPS33A;
VPS33B; VPS35; VPS37A; VPS45; VPS4A; VPS53; VPS54; VRK1; VRK2; VSIG10; VSIG4; VSX1; VSX2; VTN;
VWA3B; VWA8; VWCE; VWF; WAC; WAPAL; WARS; WARS2; WAS; WASF1; WASF3; WBP2; WDFY3;
WDFY4; WDPCP; WDR1; WDR11; WDR19; WDR25; WDR26; WDR34; WDR35; WDR36; WDR37; WDR4;
WDR44; WDR45; WDR45B; WDR48; WDR49; WDR5; WDR55.DND1; WDR6; WDR60; WDR62; WDR66;
WDR72; WDR73; WDR81; WDR87; WDR93; WFS1; WHSC1; WIPF1; WIP12; WISP3; WNK1; WNK2; WNK3;
WNK4; WNT1; WNT10A; WNT10B; WNT11; WNT2B; WNT3; WNT3A; WNT4; WNT5A; WNT5B; WNT6;
WNT7A; WNT7B; WRAP53; WRN; WT1; WWC1; WWC2; WWC3; WWOX; WWP1; WWP2; WWTR1; XBP1;
XDH; XG; XIAP; XIRP1; XIRP2; XIST; XK; XKR4; XKR6; XPA; XPC; XPNPEP2; XPNPEP3; XPO1; XPRI;
XRCC1; XRCC2; XRCC3; XRCC4; XRCC5; XRCC6; XYLT1; XYLT2; YAP1; YARS; YARS2; YBEY; YBX2;
YEATS2; YEATS4; YME1L1; YTHDC2; YTHDF2; YWHAE; YWHAG; YWHAZ; YY1; YY1AP1; ZAN; ZAP70;
ZBED4; ZBTB11; ZBTB16; ZBTB18; ZBTB20; ZBTB24; ZBTB33; ZBTB40; ZBTB41; ZBTB42; ZBTB46;
ZC3H13; ZC3H14; ZC3H3; ZC3HAV1; ZC4H2; ZCCHC12; ZCCHC13; ZCCHC8; ZDBF2; ZDHHC15;
ZDHHC17; ZDHHC2; ZDHHC3; ZDHHC8; ZDHHC9; ZEB1; ZEB2; ZFAT; ZFC3H1; ZFH3; ZFH4;
ZFP30; ZFP36; ZFP36L1; ZFP36L2; ZFP37; ZFP57; ZFP69; ZFP90; ZFP91-CNTF; ZFPM2; ZFR; ZFY;
ZFYVE16; ZFYVE26; ZFYVE27; ZGRF1; ZHX2; ZHX3; ZIC1; ZIC2; ZIC3; ZIC4; ZIC5; ZKSCAN1;
ZKSCAN5; ZMAT1; ZMAT3; ZMIZ1; ZMPSTE24; ZMYM2; ZMYM3; ZMYM6; ZMYND10; ZMYND11;
ZMYND15; ZMYND8; ZNF100; ZNF107; ZNF112; ZNF136; ZNF141; ZNF142; ZNF148; ZNF174; ZNF175;
ZNF184; ZNF202; ZNF213; ZNF219; ZNF224; ZNF227; ZNF229; ZNF233; ZNF24; ZNF287; ZNF292;
ZNF304; ZNF335; ZNF33A; ZNF341; ZNF365; ZNF385B; ZNF385D; ZNF407; ZNF408; ZNF41; ZNF419;
ZNF420; ZNF423; ZNF431; ZNF433; ZNF446; ZNF449; ZNF462; ZNF469; ZNF473; ZNF48; ZNF480;
ZNF507; ZNF513; ZNF518A; ZNF521; ZNF526; ZNF534; ZNF536; ZNF541; ZNF560; ZNF582; ZNF592;
ZNF595; ZNF606; ZNF627; ZNF644; ZNF660; ZNF668; ZNF674; ZNF687; ZNF692; ZNF701; ZNF705G;
ZNF711; ZNF717; ZNF750; ZNF75D; ZNF772; ZNF776; ZNF778; ZNF787; ZNF80; ZNF804A; ZNF81;
ZNF814; ZNF862; ZNHIT3; ZNHIT6; ZNRF1; ZP1; ZP2; ZP3; ZP4; ZPBP; ZPBP2; ZRSR2; ZSCAN2;
ZSWIM6

The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

3. **IVF Laboratory – Letná**

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
Laboratory examination for IVF			
1.	Macro- and microscopic examination of spermogram	SOP-IVF-001	Ejaculate

4. **Cytogenetics Laboratory – Liberec**

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
816 - Medical Genetics Laboratory			
1.	Examination of karyotype from peripheral blood using banding technique	SOP-CL-001	Peripheral blood

5. **IVF Laboratory – Liberec**

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
Laboratory examination for IVF			
1.	Macro- and microscopic examination of spermogram	SOP-IVF-001	Ejaculate

6. **IVF Laboratory – Archa**

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
Laboratory examination for IVF			
1.	Macro- and microscopic examination of spermogram	SOP-IVF-001	Ejaculate

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

7. Immunology Laboratory

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
813 - Allergology and Immunology Laboratory			
1.	Immunoturbidimetry analysis of immunoglobulins [IgA, IgG, IgM]	SOP-IML-101	Serum
2.	Immunoturbidimetry analysis of acute phase reactants [CRP]	SOP-IML-102	Serum
3.	EliA analysis of anti - tissue transglutaminase antibodies and anti - deamidated gliadin antibodies [Anti – tissue transglutaminase IgA, Anti - deamidated gliadin IgG (EliA), Anti - deamidated gliadin IgA (EliA)]	SOP-IML-051	Serum, plasma
4.	FEIA analysis of total IgE by [Total IgE]	SOP-IML-401	Serum, plasma
5.	FEIA analysis of specific IgE [sIgE - allergen (CAP code)]	SOP-IML-402	Serum, plasma
6.	Cytometry analysis of lymphocyte subsets [T lymphocytes CD3+, Th lymphocytes CD3+CD4+, Tc lymphocytes CD3+CD8+, B lymphocytes CD19+, NK cells CD3-CD16+56+]	SOP-IML-301	Peripheral blood
7.	Indirect immunofluorescence analysis of anti- nuclear and anti - cytoplasmatic antibodies (ANA) [ANA IgG (IF), ANA final titre, ANA nuclear fluorescence, ANA cytoplasmatic fluorescence]	SOP-IML-201	Serum, plasma

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

**The Appendix is an integral part of
Certificate of Accreditation No. 162/2022 of 28/03/2022**

Accredited entity according to ČSN EN ISO 15189:2013:

GENNET, s.r.o.
GENNET Laboratories
Kostelní 292/9, 170 00 Praha 7

8. Preimplantation Genetic Testing laboratory

Examination:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
816 - Medical Genetics Laboratory			
1.	PGT by karyomapping method	SOP-PGTL-002	Trophectoderm
2.	PGT by NGS DNA-Seq method	SOP-PGTL-003	Trophectoderm

Explanations:

PGT - preimplantation genetic testing (may include PGT-A, PGT-M, PGT-SR)

PGT-A - preimplantation genetic testing for aneuploidies

PGT-M - preimplantation genetic testing for monogenic diseases

PGT-SR - preimplantation genetic testing for structural rearrangements

NGS - massively parallel sequencing