

Price list of genetics

+ Self-payers

The prices are fixed in CZK and the payments can be made by card or cash.

The valid exchange rate (currently announced by Czech National Bank) will be used when recalculating to EUR.

Preimplantation genetic testing - PGT

PGT of aneuploidy (PGT-A) and structural chromosomal abnormalities (PGT-SR) using NGS	<i>Cells for examination are collected from the blastocysts (5-6 days old embryo) and all embryos are frozen by vitrification. The result of the analysis is available in 4 weeks. Transfer of frozen embryos is performed in the following cycle. The embryo vitrification is not included in the cost of the examination. PGT-A / PGR-SR examination of aneuploidy is performed on a single embryo.</i>	9 000 Kč
PGT in monogenic diseases (PGT-M) using karyomapping (incl. PGT-A)	<i>Preparation for karyomapping</i>	34 000 Kč
	<i>Examination of a single embryo</i>	10 000 Kč
Only DNA amplification in a single embryo*	<i>*This examination shall be paid only if it is required separately (without PGT); in case of PGT, this price is not charged separately, it is already included. If PGT fails, only amplification will be charged.</i>	1 000 Kč
Sanger Sequencing* (prior to karyomapping and embryo examination)	<i>*This examination is performed after prior agreement with the laboratory in cases where there is no reference to perform PGT-M method by karyomapping, it is paid only as an additional payment to this method.</i>	15 000 Kč

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Prenatal diagnosis - invasive prenatal diagnosis

Examination of the fetus using the cells obtained via amniocentesis (AMC), chorionic tissue biopsy (CVS) or cordocentesis.

Amniocentesis including ultrasound examination		3 200 Kč
Chorionic Villus Sampling including ultrasound		4 200 Kč
QF-PCR (chromosomes no. 21 + sexual X, Y)		3 500 Kč
QF-PCR set (chromosomes no. 13, 18, 21 + sexual X, Y)		4 500 Kč
Chromosomal tests after amniocentesis (AMC)		7 000 Kč
Chromosomal analysis of chorionic tissue biopsy (CVS)		8 500 Kč
Prenatal array (CGH or SNP)		13 500 Kč
Premium prenatal package AMC complex	<i>AMC incl. UZ + QF-PCR complex + prenatal array*</i>	20 000 Kč
Premium prenatal package CVS complex	<i>CVS incl. UZ + QF-PCR + prenatal array*</i>	21 000 Kč
Prenatal indirect DNA diagnostics		16 500 Kč

** In case of pathology found using QF-PCR test, array will not be performed and only 8 000 Kč (AMC) or 9 000 Kč (CVS) will be charged.*

Non-invasive prenatal diagnosis

Examination of the fetus from the mother's blood sample.

PRENASCAN		12 500 Kč
Package: PRENASCAN + The First-Trimester screening	<i>Special offer</i>	12 800 Kč
Prenatal (non-invasive) paternity test		33 000 Kč

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Molecular genetic testing

Preconception genetic testing – CarrierTest (Screening of 150 genes associated with infertility and X-linked disorders, thrombophilia profile, response to FSH stimulation)	<i>One partner</i>	12 000 Kč
	<i>Both partners - test of genetic compatibility of the couple.</i>	22 000 Kč
Mutations of the 35delG gene GJB2 for Connexin 26 (AR hereditary deafness)		1 800 Kč
Cystic fibrosis (50 mutations + T(n)/TG(n) of the IVS8 CFTR gene)		6 000 Kč
Y microdeletions (AZFa, b, c incl. SRY)		2 500 Kč
Fragile X syndrome (FRAXA diagnostics)	<i>Detection and determination of the length of CGG repeats in the FMR1 gene</i>	6 000 Kč
Fragile X syndrome (FRAXA – screen)	<i>Detection of CGG repeats in the FMR1 gene</i>	2 500 Kč
Spinal muscular atrophy (SMA) (deletion of the SMN1 gene)	<i>Determination of the copy number of exons 7 and 8 SMN1</i>	4 500 Kč
FSH receptor polymorphism (hormonal stimulation)		1 500 Kč
Haemochromatosis (most common HFE gene mutation)	<i>mutace H63D, S65C, C282Y genu HFE</i>	2 500 Kč
Coeliac disease (Detection of risk alleles)	<i>HLA-DQ2.5 haplotype (DQA1*05/DQB1*02), HLA-DQ2.2 haplotype (DQA1*02/DQB1*02), HLA-DQ8 haplotype (DQA1*03/DQB1*03:02)</i>	2 200 Kč
Bechterew disease (HLA-B27 haplotype)		1 500 Kč
SPG3 complex		10 000 Kč
SPG4 complex		10 000 Kč
Cascade screening of the product of concept using QF-PCR and arrays	<i>(Miscarriage, stillbirth) using the QF-PCR method and array*</i>	13 500 Kč
SABSCAN	<i>**</i>	11 000 Kč
DNA isolation and banking		1 000 Kč

* If some pathology is found by the QF-PCR test, the array will not be performed and only 5 000 Kč will be charged.

**If it is not possible to complete the examination and issue a result (e.g. due to low fetal fraction of the sample), a reduced fee of CZK 5,000 will be charged.

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Predisposition to blood clotting

Leiden mutation (G1691A) of the F5 gene (FVL)	600 Kč
G20210A mutation of the F2 gene (prothrombin, FII)	600 Kč
2 thrombophilic mutations combined (FVL + FII or 2 <i>MTHFR</i> mutations)	800 Kč
2 thrombophilic mutations combined STATIM (FVL + FII or 2 <i>MTHFR</i> mutations)	1 000 Kč
4 thrombophilic mutations combined (FVL + FII + 2 <i>MTHFR</i> mutations)	1 600 Kč
Complete set of 5 thrombophilic mutations (FVL + FII + 2 <i>MTHFR</i> mutations + 4G allele of the <i>PAI-1</i> gene)	2 400 Kč
Risk M2 haplotype of the ANXA5 gene	3 000 Kč

Immunogenetics

Determination of KIR halotype (A/B)	2 000 Kč
HLA-C typing (C1/C2)	5 000 Kč
Determination of KIR halotype (A/B) and HLA-C typing (C1/C2)	6 000 Kč

Paternity testing

<p>Paternity test with the agreement of the mother and the alleged father (The results cannot be used for legal acts)</p>	<p><i>Price for one sample, incl. VAT (minimal measurement includes 2 samples - the child and the alleged father; optimal scenario is the examination of 3 samples - the child, the mother and the alleged father).</i></p>	2 500 Kč
<p>Court-ordered Expert paternity test (The results are provided with an expert opinion, can be used for legal acts)</p>	<p><i>The price is provided for the complete examination of all samples. It is always necessary to examine 3 samples (the child - the mother - the alleged father). The sampling is performed in the presence of a court expert.</i></p>	15 000 Kč
<p>Prenatal (non-invasive) paternity test</p>	<p><i>The price covers the complete examination of all samples.</i></p>	33 000 Kč

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Oncogenetic tests

Testing of cancer predispositions

Innate predisposition to breast and ovarian cancer	<i>Examination of gene groups ONKO1 and ONKO2 (20 genes in total - BRCA1, BRCA2, CHEK2, TP53, PTEN, CDH1, PALB2, BRIP1, ATM, RAD51C, RAD51D, STK11, BARD1, NBN, MLH1, MSH2, MSH6, EPCAM, PMS2 and MUTYH) using NGS procedure (the CZEKANCA panel).</i>	12 000 Kč
Innate predisposition to cancer of the colon and rectum	<i>ONKO2 + ONKO3 gene group examination (13 genes MLH1, MSH2, MSH6, EPCAM, PMS2, MUTYH, APC, POLE, POLD1, STK11, SMAD4, PTEN, BMPR1A) via NGS (CZEKANCA).</i>	12 000 Kč
Genetic predisposition to breast, ovarian, and colorectal cancer	<i>Testing for the ONKO1+ONKO2+ONKO3 gene panels</i>	20 000 Kč

Oncogenetic tests

Early Cancer Detection

Analysis of genetic and epigenetic markers from blood for early cancer detection		
Avantect Pancreatic Cancer		25 900 Kč
Avantect Ovarian Cancer		25 900 Kč
Avantect Multi Cancer*	<i>*Available starting July 2026</i>	30 900 Kč

Targeted genetic testing (confirmation, prediction)

Targeted genetic testing for a known mutation (prediction, confirmation)	<i>The price listed is for 1 sample; it is recommended to perform predictive oncogenetic testing on 2 independent samples.</i>	3 500 Kč
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NGS/whole-exome sequencing

Exome (WES), clinical setup	39 000 Kč
Exome TRIO (WES), 3 persons, clinical setup	97 500 Kč
NGS testing of 1 to 10 genes	14 000 Kč

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Molecular cytogenetic test

FH test (hereditary hypercholesterolaemia and statin treatment efficiency)	6 000 Kč
Pharmacogenetics (innate disposition affecting drug metabolism)	6 000 Kč

Cytogenetic tests

Karyotype examination from peripheral blood	5 000 Kč
Evaluation of aberrations in the peripheral blood	3 000 Kč
Long-term culture of cells of various tissues	5 000 Kč
DNA fragmentation of sperm (Halosperm) <i>With Czech insurance</i>	2 000 Kč
<i>Without Czech insurance</i>	2 541 Kč

If the client orders scanning of only 1-24 samples, then VAT is added to the price.

Food intolerance and athletic predisposition testing

Lacto DNA Test <i>Lactose intolerance (C/T-13910, G/A -22018 polymorphisms of the LCT gene)</i>	1 800 Kč
Actinin DNA Test <i>Genotype testing for the R577X variant in the ACTN3 (α-actinin-3) gene</i>	1 500 Kč

Consultation with a clinical geneticist (Czech)

Initial genetic counselling <i>indicator</i>	1 200 Kč
Final genetic counselling <i>with the results and diagnosis</i>	1 700 Kč
Control genetic counselling <i>screening interpretation</i>	250 Kč

Consultation with a clinical geneticist (English) 2 000 Kč

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