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	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.	**8 000 Kč**
PGT IN MONOGENIC DISEASES (PGT-M) using karyomapping (incl. PGT-A)	Preparation for karyomapping	**34 000 Kč**
	Examination of a single embryo	**10 000 Kč**
Only DNA amplification in a single embryo*	*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.	**1 000 Kč**
Sanger Sequencing (prior to karyomapping and embryo examination)	*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.	**15 000 Kč**

At our clinics it is possible to pay in cash or by credit card.

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	(AMC incl. UZ + QF-PCR complex + prenatal array)*	**20 000 Kč**
Premium prenatal package CVS complex	(CVS incl. UZ + QF-PCR + prenatal array)*	**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	Special offer	**12 800 Kč**
Prenatal (non-invasive) paternity test		**33 000 Kč**

At our clinics it is possible to pay in cash or by credit card.

MOLECULAR GENETIC TESTING		
Preconception genetic testing – CarrierTest (thrombophilia profile, examination of carrier dispositions for more than 60 AR and X-linked diseases, response to FSH stimulation)	One partner	**12 000 Kč**
	Both partners - test of genetic compatibility of the couple.	**22 000 kČ**
Mutations of the 35delG gene for Connexin 26 (AR hereditary deafness)		**1 800 Kč**
Sequencing of the gene for Connexin 26 (AR hereditary deafness)		**9 000 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		**6 000 Kč**
Fragile X syndrome - FRAXA screen		**2 500 Kč**
Spinal muscular atrophy (SMA) - deletion of the SMN1 gene		**4 500 Kč**
FSH receptor polymorphism (hormonal stimulation)		**1 500 Kč**
Haemochromatosis - most common HFE gene mutation		**2 500 Kč**
Coeliac disease - Detection of risk alleles / DQ2cis, DQ2trans and DQ8		**2 200 Kč**
Detection of HLA-B27 (Bechterew disease)		**1 500 Kč**
SPG3 complex		**12 000 Kč**
SPG4 complex		**12 000 Kč**
Examination of concept product	(Miscarriage, stillbirth) using the QF-PCR method and array*	**13 500 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.

At our clinics it is possible to pay in cash or by credit card.

PREDISPOSITION TO BLOOD CLOTTING	
F5 Leiden mutation (FVL)	**600 Kč**
F2 prothrombin gene mutation (FII)	**600 Kč**
2 thrombophilia mutations (FVL + FII or 2 MTHFR mutations)	**800 Kč**
2 thrombophilia mutations STATIM (FVL + FII or 2 MTHFR mut.)	**1 000 Kč**
4 thrombophilia mutations (FVL + FII + 2 MTHFR mutations)	**1 600 Kč**
Complete 5 thromb. mutations (FVL + FII + 2 MTHFR mut. + allele 4G PAI-1)	**2 400 Kč**
Risk M2 haplotype ANXA 5	**3 000 Kč**

PATERNITY TESTING		
Paternity test with the agreement of the mother and the alleged father (The results cannot be used for legal acts)	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).	**2 500 Kč**
Court-ordered Expert paternity test (The results are provided with an expert opinion, can be used for legal acts)	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.	**15 000 Kč**
Prenatal (non-invasive) paternity test	The price covers the complete examination of all samples.	**33 000 Kč**

At our clinics it is possible to pay in cash or by credit card.

ONCOGENETIC TESTS (testing of cancer predispositions)		
Complete testing of BRCA1 and BRCA2	Examination for the hereditary syndrome of breast and ovarian cancer via NGS (CZECANCA) and MLPA method.	**12 000 Kč**
Innate predisposition to breast and ovarian cancer	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 CZECANCA panel).	**20 000 Kč**
Innate predisposition to cancer of the colon and rectum	ONKO2 + ONKO3 gene group examination (13 genes MLH1, MSH2, MSH6, EPCAM, PMS2, MUTYH, APC, POLE, POLD1, STK11, SMAD4, PTEN, BMPR1A) via NGS (CZECANCA).	**20 000 Kč**
Predictive examination of a single known mutation in one of the genes from the oncology group 1, 2 or 3 (Sanger sequencing)	Price for 1 sample, predictive tests must be performed from 2 independent samples.	**3 500 Kč**

EXOME	
Exome (WES), clinical setup	**39 000 Kč**
Exome TRIO (WES), 3 persons, clinical setup	**97 500 Kč**

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

At our clinics it is possible to pay in cash or by credit card.

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)	With Czech insurance	**2 000 Kč**
	Without Czech insurance	**2 541 Kč**
Examination by microArray technique (SNP Array)		**6 000 Kč**

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

CONSULTATION WITH A CLINICAL GENETICIST (Czech)		
Initial genetic counselling	(indicator)	**1 200 Kč**
Final genetic counselling	(with the results and diagnosis)	**1 700 Kč**
Control genetic counselling	(screening interpretation)	**250 Kč**

CONSULTATION WITH A CLINICAL GENETICIST (English)	**2 000 Kč**

At our clinics it is possible to pay in cash or by credit card.