

# Price list of immunology

## + Self-payers

This price list is intended for self-paying patients.

The prices are fixed in CZK and the payments can be made by card or in cash. The valid exchange rate (currently announced by Czech national Bank) will be used in case of possible recalculation to EUR.

### Consultation

Initial immunological consultation for external patients	4 700 Kč
Immunological consultation for next IVF cycle	2 350 Kč
Consultation about the next steps	1 180 Kč

### Extended set of immunological examinations for sterility (if the conception itself fails) 16 900 Kč

The price includes:

- ✓ Basic parameters of antibody immunity - concentration of IgA, IgG, IgM antibodies
- ✓ Basic parameters of cellular immunity - T, B, NK cell counts including Th, Tc, NKT subpopulations
- ✓ Pro-inflammatory markers - CRP
- ✓ Thyroid autoimmune disorders - thyroid peroxidase antibodies (TPO)
- ✓ Celiac disease - antibodies against tissue transglutaminase (tTG) IgA
- ✓ Autoimmune disease - antinuclear antibodies (ANA), ENA screen\* (SSA, SSB, Sm, Sm/RNP, Scl-70, Jo-1)
- ✓ Antiphospholipids - antibodies against Annexin V, Antibodies to phosphatidylserine/prothrombin complex, APLA screen\* (cardiolipin, beta-2-glycoprotein, phosphatidylserine, phosphatidylinositol, phosphatidyl acid).
- ✓ Set of reproduction tests - anti-ovarian, anti-zona pellucida and anti-sperm antibodies in the serum
- ✓ Egg maturation - AMH
- ✓ Cellular testing:
  - Examination of NK cells activation (after stimulation with mitogen, sperm\*\* and trophoblast)
  - Examination of embryotoxic/embryoprotective cytokines

### Extended set of immunological examinations for infertility (recurrent miscarriages) 16 500 Kč

The price includes:

- ✓ Basic parameters of antibody immunity - concentration of IgA, IgG, IgM antibodies
- ✓ Basic parameters of cellular immunity - T, B, NK cell counts including Th, Tc, NKT subpopulations
- ✓ Pro-inflammatory markers - CRP
- ✓ Complement blood test - complement activity - lectin pathway
- ✓ Thyroid autoimmune disorders - thyroid peroxidase antibodies (TPO)
- ✓ Celiac disease - antibodies against tissue transglutaminase (tTG) IgA
- ✓ Autoimmune disease - antinuclear antibodies (ANA), ENA screen\* (SSA, SSB, Sm, Sm/RNP, Scl-70, Jo-1)
- ✓ Antiphospholipids - antibodies against Annexin V, Antibodies to phosphatidylserine/prothrombin complex, APLA screen\* (cardiolipin, beta-2-glycoprotein, phosphatidylserine, phosphatidylinositol, phosphatidyl acid).
- ✓ Egg maturation - AMH
- ✓ Cellular testing:
  - Examination of NK cells activation (after stimulation with mitogen, sperm\*\* and trophoblast)
  - Examination of embryotoxic/embryoprotective cytokines

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

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## Price list of immunology

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#### Complete reproductive immunological examination

18 500 Kč

##### The price includes:

- ✓ **Basic parameters of antibody immunity** - concentration of IgA, IgG, IgM antibodies
- ✓ **Basic parameters of cellular immunity** - T, B, NK cell counts including Th, Tc, NKT subpopulations
- ✓ **Regulatory T cells** - number of cells providing tolerogenic immune response (Treg)
- ✓ **Pro-inflammatory markers** - CRP
- ✓ **Complement examination** - C3, C4, complement activation via the lectin pathway
- ✓ **Thyroid autoimmune disorders** - thyroid peroxidase antibodies (TPO)
- ✓ **Celiac disease** - antibodies against tissue transglutaminase (tTG) IgA
- ✓ **Autoimmune disease** - antinuclear antibodies (ANA), ENA screen\* (SSA, SSB, Sm, Sm/RNP, Scl-70, Jo-1), anti-nucleosome antibodies.
- ✓ **Antiphospholipids** - antibodies against Annexin V, Antibodies to phosphatidylserine/prothrombin complex, APLA screen\* (cardiolipin, beta-2-glycoprotein, phosphatidylserine, phosphatidylinositol, phosphatidyl acid).
- ✓ **Set of reproduction tests** - anti-ovarian, anti-zona pellucida and anti-sperm antibodies in the serum
- ✓ **Egg maturation** - AMH
- ✓ **IgE seminal fluid**
- ✓ **Cellular testing:**
  - **Examination of NK cells activation** (after stimulation with mitogen, sperm\*\* and trophoblast)
  - **Examination of embryotoxic/embryoprotective cytokines**

#### Immunological semen analysis

3 850 Kč

##### The price includes:

- ✓ **Number of sperm and sperm viability** by flow cytometry
- ✓ **Number of leukocytes in the semen** by flow cytometry
- ✓ **Acrosome quality** - presence of acrosomal protein and acrosome integrity by flow cytometry.
- ✓ **Share of living cells and apoptotic cells**
- ✓ **SperMARtest** - presence of anti-sperm antibodies in the ejaculate (direct detection).

#### Male examination from blood

3 600 Kč

##### The price includes:

- ✓ **Basic parameters of antibody immunity** - concentration of IgA, IgG, IgM antibodies
- ✓ **Basic parameters of cellular immunity** - T, B, Nk cell counts including Th, Tc, NKT subpopulations
- ✓ **Pro-inflammatory markers** - CRP
- ✓ **Thyroid autoimmune disorders** - thyroid peroxidase antibodies (TPO)
- ✓ **Celiac disease** - antibodies against tissue transglutaminase (tTG) IgA
- ✓ **Autoimmune disease** - antinuclear antibodies (ANA)

\* In case of positivity (approximately 20% of results), retesting may be necessary, but without the need for further blood collection. The price will be determined according to the current price list.

\*\* Partner's sperm can be used for NK cells and lymphocytes stimulation (partner's ejaculate need to be provided).

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