

Table 1: Inclusion criteria for the enrollment of cases (women with unexplained infertility) and controls (normal fertile women) from the population of Northern Greece.

Patient Inclusion Criteria	Control Inclusion Criteria
<ul style="list-style-type: none">• Caucasian women of Greek origin, who live in Northern Greece• Primary infertility (never pregnant)• At least one year unprotected regular intercourse• No male partner infertility (normal anatomy, no varicocele, normal semen analysis, no infection, and normal karyotype)• No anatomic abnormalities of the fallopian tubes (e.g. polyps, adhesions) or the uterus (e.g. fibromyomas, bicornuate uterus)• Normal hormone levels (follicle stimulating hormone (FSH), Luteinizing hormone (LH), progesterone, Anti-Müllerian hormone (AMH), Estradiol (E2), 17-hydroxyprogesterone (17-OHP), prolactin, testosterone, free triiodothyronine (FT3), free thyroxine (FT4), Thyroid-stimulating hormone (TSH), triiodothyronine (T3), thyroxine (T4) levels for hormonal abnormalities)• No infections (<i>Chlamydia trachomatis</i>, <i>Neisseria gonorrhoeae</i>, <i>Mycoplasma genitalium</i>)• No immunologic factors (antithyroid autoantibodies, antinuclear autoantibodies, antiphospholipid autoantibodies)• No Polycystic ovary syndrome (PCOS), no endometriosis, no Premature Ovarian Failure (POF)• No other health problems (e.g. cancer, thyroid, diabetes mellitus)• Normal karyotype	<ul style="list-style-type: none">• Caucasian women of Greek origin, who live in Northern Greece• Have given birth at least once• Uncomplicated pregnancies• After normal spontaneous conception• No personal history of miscarriages