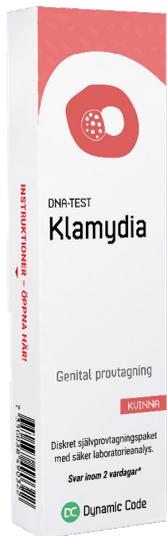


DNA test Chlamydia



Dynamic Code wants to make healthcare safer, smarter, and more readily available for all. It is YOUR health we're talking about. Why should you need to worry unnecessarily, and have to wait passively to get help when you can take responsibility and get a definite answer in just a few days?

Chlamydia is one of the most common sexually transmitted diseases (STDs) in Sweden, with approximately 32,000 people contracting the disease every year¹. Chlamydia is caused by the bacterium *Chlamydia trachomatis* and the infection spreads through unprotected sex. The symptoms can be diffuse and difficult to detect, and the infection is contagious even if you don't experience any symptoms.

Both women and men can experience symptoms that include a stinging/burning sensation when urinating, itchiness in the genital area, abdominal pain, or abnormal discharge from the vagina or penis. Women may also experience bleeding in between periods. If left untreated, a chlamydia infection can lead to inflammation of the fallopian tubes in women, which in turn can lead to an ectopic pregnancy (a fertilised egg getting stuck in the fallopian tube), or decreased fertility. Chlamydia can also, in the worst-case scenario, be transmitted to the baby during a vaginal birth, and cause a variety of inflammatory conditions in the eyes and lungs². In men, an untreated chlamydia infection can result in testicular inflammation, inflammation of the prostate, urinary tract inflammation, ureter inflammation, and decreased fertility. It is important to get tested for chlamydia, in order to avoid complications developing and to prevent transmitting the disease. A chlamydia infection can be treated with antibiotics. In Sweden, chlamydia is covered by the law against spreading diseases, which means that if you test positive you must undergo treatment and take part in actively tracing potential transmissions³

This is how our overall solution works, from obtaining a sample, to meeting with your doctor, to treatment.



Order a test on our website or buy it via a chemist.



Follow the clear instructions and obtain a sample.



Return the sample to us, the packaging will be used for the return shipment.



We analyse your sample in our quality-assured laboratory.



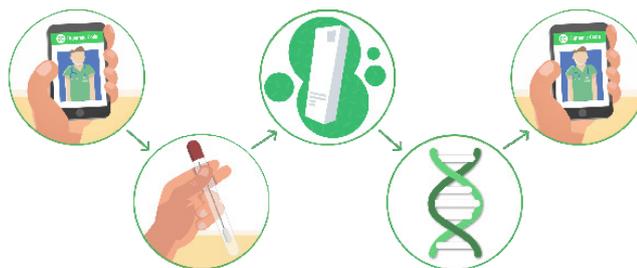
Retrieve the test result on our website, using your personal code.



When necessary, we will help forward you to an online healthcare provider.

Order – obtain a sample – send – get the result, and any required assistance, straight to your mobile phone!

With our overall solution, you get help when you need it, without having to visit a health centre. The test result, which is obtained with the help of medical experts, is retrieved on our homepage, and if you would like to see a doctor to discuss your test results, you can do so directly online. The doctor will provide a diagnosis and give you the correct treatment.



If you choose to get in touch with one of our online healthcare providers, with whom we collaborate, then it will be the doctor who orders the test for you. The cost of the test is covered by the patient fee. The test result will go directly to the doctor, who will then provide you with the correct diagnosis and treatment.

DNA test Chlamydia



Development of the test

The test is developed in accordance with Dynamic Code's guidelines for quality, and it has a solid technical foundation, with a thoroughly tested PCR-methodology and at least two independent scientific studies supporting the connection between diagnosis and the genetic analysis.

Medical expert

Dynamic Code's test for chlamydia is examined by our medical expert Anders Selbing, specialist doctor in obstetrics and gynaecology.

Method of analysis

Dynamic Code's chlamydia-test uses a self-developed method of analysis to detect Chlamydia trachomatis. Two markers are used to detect the bacterium, in order to ensure mutation-detection.

Test performance

Dynamic Code's method of analysis for chlamydia has been validated by comparing results obtained with those of PCRs carried out by an independent laboratory. The validation for chlamydia was carried out on 414 samples, and there was a very high correspondence in the results. Based on these results, it is established that the test provides 100.0% sensitivity, 99.7% specificity and 99.8% assurance.

Quality

Dynamic Code is responsible for the manufacturing of the test packages, which are CE-marked in accordance with IVD-directive 98/79/EC and MDD-directive 93/42/EEC, and any additional law changes. Dynamic Code's CE-marked products are also certified by the international organisation DEKRA. Dynamic Code's chlamydia test is registered with the Swedish Medical Products Agency and is therefore included in the EUDAMED database. Dynamic Code's laboratory is accredited by SWEDAC in accordance with the ISO17025 standard.

Read more about the quality and validation of Dynamic Code's tests on our website: www.dynamiccode.com/se/kvalitetspolicy

¹ www.folkhalsomyndigheten.se/folkhalsorapportering-statistik/statistikdatabaser-och-visualisering/sjukdomsstatistik/klamydiainfektion/?p=25351

² www.folkhalsomyndigheten.se/smittskydd-beredskap/smittsamma-sjukdomar/klamydiainfektion/

³ www.riksdagen.se/sv/dokument-lagar/dokument/svensk-forfattningssamling/smittskyddslag-2004168_sfs-2004-168



Scan the QR-code to get to the product page of our website.

v1.0 2019-12-17



This test is accredited by Swedac in accordance with the ISO 17025 standard



About Dynamic Code

Dynamic Code wants to help people take control of their own health, and we develop meaningful health- and diagnostic tests based on DNA technology. The tests are offered on a digital communication and logistics platform, which is revolutionising medical testing and diagnostics. Tests which previously required samples to be taken at clinics by healthcare professionals, which sometimes took months or even years, can now be carried out by patients on their own, and they can receive answers and treatment within days. Without compromising on quality, Dynamic Code's tests fulfil all medical and regulatory demands.

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