

# **Tartu Teguri sample collection point and laboratory is moving to Raatuse**

**SYNLAB Tartu Teguri 37b sample collection point and laboratory is moving to Raatuse Health Center!**

From **September 20** we are open in the new Raatuse Health Center (Raatuse 21, 2nd floor).

**Sampling Mon-Fri 8-16:30**

**Corona testing Mon-Fri 13-18:30, Sat-Sun 9-13**

Welcome to Raatuse Health Center!

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## **Some blood collection points in Tallinn and Tartu temporarily closed**

Due to current emergency situation in the country and with purpose to limit coronavirus spread we are temporarily closing some of our blood collection points since March 16.

In Tallinn: Narva mnt 7

In Tartu: Teguri 37a and Mõisavahe

Since March 17 we are closing our Viimsi and Mardi st blood collection points.

Although other blood collection points are opened, we highly recommend visiting them only in inevitable cases. Closest blood connection points are found [HERE](#).

All orders from patient portal during current emergency situation and gift cards which expire during it are extended until October 31st 2020.

Keep yourself and your loved ones healthy!

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## **SYNLAB opens new blood collection points in Tallinn city centre, Lasnamäe and Viimsi**

SYNLAB Estonia head laboratory is moving to Veerenni Health Centre at 53A Veerenni Street where from **May** the **blood collection point** is **open** from **Monday** to **Friday** at **7.30-15.00**.

Our current laboratory and blood collection point at 1 Väike-Paala Street will be closed from June 22.



**We have also expanded our blood collection point in Viimsi Fertilitas Clinic** at 5A Kaluri Road where from May we have new bigger rooms, more nurses and a receptionist to provide our customers with a speedier service for blood giving. The opening hours are from Mon to Fri at 7.30-15.00.

**On April 24, we also opened a new blood collection point in Lasnamäe House of Health** at 3 Linnamäe Road that works on business days from 8.00 to 15.00.

More information from our customer support: [minu@synlab.ee](mailto:minu@synlab.ee) or via phone 17124, outside from Estonia + 372 640 8231.

You are most welcome to our new blood collection points.

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# New reference values for *Borrelia burgdorferi*

From January 14th new reference values for *Borrelia burgdorferi* IgM come into effect:

<18	Negative
18 – 22	Borderline
>22	Positive

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## New PCR diagnostic panels

Nowadays, the laboratory diagnostics of infectious diseases is moving towards using the methods, where different pathogens, which cause similar symptoms, are combined into one diagnostic panel. Using this approach gives us the possibility to analyse samples in shorter time and increases the amount of information received about the patient's condition at the same time.

Starting from **1 October 2012** we will offer you the following diagnostic panels:

### 1. The panel of Sexually transmitted diseases (STI)

1. *Chlamydia trachomatis*
2. *Chlamydia trachomatis* LGV
3. *Neisseria gonorrhoeae*
4. *Trichomonas vaginalis*
5. *Mycoplasma genitalium*

Sample materials: first void urine, Cervical canal's mucosa, epithelial scraping, Urethras epithelial scraping, vaginal

scraping.

## **2. Extended panel of Sexually transmitted diseases**

1. *Chlamydia trachomatis*
2. *Chlamydia trachomatis* LGV
3. *Neisseria gonorrhoeae*
4. *Trichomonas vaginalis*
5. *Mycoplasma genitalium*
6. *Mycoplasma hominis*
7. *Ureaplasma urealyticum*
8. *Ureaplasma parvum*

Sample materials: first void urine, Cervical canal's mucosa, epithelial scraping, Urethras epithelial scraping, vaginal scraping.

## **3. Sexually transmitted disease ulcer panel**

1. Herpes simplex virus 1
2. Herpes simplex virus 2
3. *Treponema pallidum*
4. *Haemophilus ducreyi*
5. *Chlamydia trachomatis* LGV

Sample materials: ulcer discharge, ulcer scraping

All analyses included in the panels, cited above, can be ordered independently as well.

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# Changes in molecular diagnostics of Quattromed HTI

In order to maintain our innovative, science-based and customer-oriented approach in the fast developing world of laboratory medicine, Quattromed HTI has put a great emphasis on constantly developing our technical capabilities. Regarding this, we are delighted to announce a milestone in the work of molecular diagnostics department of Quattromed HTI. Starting from **September 3<sup>rd</sup> 2012** we will change the **technical platform for majority of our molecular diagnostic analysis**. As the outcome of long lasting collaboration and with the support from Enterprise Estonia (EAS) we have set up a new technical approach, which is unique in Estonia and rapidly gaining its popularity in the rest of the world, where after multiplying the genomic material of pathogens the final result will be assessed automatically on the hybridization platform Luminex xMap.

We would like to draw your attention to the benefits of our new platform:

- 1) **Handling time** for several analyses will be **decreased** – the analyzing time for HPV (Human Papillomavirus) genotyping will be shortened by one business day. *Chlamydia trachomatis* DNA and *Neisseria gonorrhoeae* DNA analyses already include verifying analyses, allowing us to shorten the period of issuing positive results by one business day.
- 2) Working process will be **more automated**, ensuring more effective and precise fitting to LIS, altogether assuring a higher quality for our clients.
- 3) **One sample** material will be sufficient for **several**

**tests**, making it possible to combine the diagnosing of different pathogens which cause similar symptoms into one diagnostic panel (we will soon send out more information about the new diagnostic panels in our next newsletter).

4) Luminex xMap platform is very **flexible** and **user friendly**. Taking into consideration the feedback that we receive from our colleagues and partners we can add more tests and put together new diagnostic panels.

5) More **up-to-date**: determining different pathogens we will be using these genome areas which are chosen according to the latest treatment- and diagnostic guidelines and scientific literature.

6) We are adding **new diagnostics**:

- *Chlamydia trachomatis* LGV DNA
- *Treponema pallidum* DNA
- *Haemophilus ducreyi* DNA
- *Atopobium vaginae* DNA

Starting from 3 September **Human Papillomavirus genotyping** will also be changed. As stated in the literature and by several organizations (such as American Cancer Society; American Society for Colposcopy and Cervical Pathology etc.) it is clinically insignificant to determine low risk HPV. Because of that Quattromed HTI will stop determine low risk HPV genotypes and henceforth we will offer only high risk HPV determination. The new platform determines the presence of HPV and the genotype in one analysis, allowing us to reduce the handling time for HPV diagnosing from 3 business days to 2.