Sexual transmitted pathogens such as HCV, HIV and Treponema are a burden for human health. An early and precise diagnosis is an important element to successfully fight these infections. In addition, the safety of blood donations is guaranteed by serological screening for antibodies against those pathogens.

Looking back on 30 years of experience in diagnostic test design MIKROGEN provides excellent serological confirmation tests with its recomLine strip assays for HIV, HCV and Treponema. To meet the requirements of modern laboratories all three parameters can be analysed together in a fully automated approach.

**Best solution in serology:**
**HCV, HIV and Treponema – fully automated!**

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**Hepatitis C virus**
- React. Contr.
- Conjug. Contr. IgG
- Cut-off Contr.
- Core 1
- Core 2
- Helicase
- NS3
- NS4
- NS5

**Human immunodeficiency virus**
- React. Contr.
- Conjug. Contr. IgG
- Cut-off Contr.
- gp120
- gp41
- p51
- p31
- p24
- p17

**Treponema pallidum**
- React. Contr.
- Conjug. control
- IgG
- IgM
- Tp47
- TmpA
- Tp257 (Gpd)
- Tp453
- Tp17
- Tp15

- **HIV**: Easy discrimination of HIV-1 and HIV-2 on one strip.
- **HCV**: Detection of antibodies for all important HCV genotypes (1-6).
- **Treponema**: Additional safety due to antigens Tp257 and Tp453 with high specificity for Treponema pallidum.
Your benefits by using MIKROGEN's CarL system for the STD triple:

- **Walk-away:** Full automation from sample to scanning!
- **Barcode identification** and LIS connectivity!
- **Flexible combination** of MIKROGEN assays with same incubation time!
- **Convenient:** HIV, HCV and Treponema in one run – up to 44 strips!
- **Minimal maintenance:** no daily startup routine!
- **Liquid level detection** for samples and reagents!
- **User friendly:** Wide touchscreen and intuitive menu navigation

**Simple and efficient:**
- Manual, semi-automated and fully automated processing possible.
- Fast and objective evaluation and documentation by recomScan software.
- Harmonized workflow of all three parameters.

**Highest safety:**
- Very high sensitivity and specificity.
- Mikrogen recomLine assays contain internal controls on every strip (cut-off, conjugate and incubation control).
- CE label: Our recomLine kits and CarL meet the high standard of the EC directive 98/79/EC on in vitro diagnostic medical device

### recomLine products for sexually transmitted diseases

<table>
<thead>
<tr>
<th>Product</th>
<th>Article-No</th>
<th>Storage</th>
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<tbody>
<tr>
<td>recomLine HCV IgG</td>
<td>4372</td>
<td>+2°C - +8°C</td>
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<tr>
<td>Reagents for 20 determinations</td>
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<tr>
<td>Included in the kit: Positive control serum IgG and negative control serum IgG</td>
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<tr>
<td>recomLine HIV-1 &amp; HIV-2 IgG</td>
<td>6672</td>
<td>+2°C - +8°C</td>
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<tr>
<td>Included in the kit: Positive control serum IgG and negative control serum IgG</td>
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<tr>
<td>recomLine Treponema IgG</td>
<td>5172, 5170</td>
<td>+2°C - +8°C</td>
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<td>Reagents for 20 determinations</td>
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<tr>
<td>Reagents for 100 determinations</td>
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<tr>
<td>recomLine Treponema IgM</td>
<td>5173, 5179</td>
<td>+2°C - +8°C</td>
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<tr>
<td>Reagents for 100 determinations</td>
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<tr>
<td>CarL</td>
<td>31094</td>
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<tr>
<td>Fully automated strip processor</td>
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