REFERENCES

Get it right first time
Why choose Thermo Fisher Scientific as your partner in rheumatoid arthritis diagnostics?

Best-in-class
The EliA CCP test is the most specific, fully automated, CCP test available.

100% specificity
The addition of positive results to EliA RF IgM and RF IgA tests, to a positive EliA CCP test, improves the specificity of testing to 100%.

Unrivaled efficiency
Test for markers for rheumatoid arthritis, connective tissue disease, antiphospholipid syndrome and ANCA-associated vasculitis all on the same laboratory system – helping you maximise resources.

Get it right first time
EliA CCP and EliA RF Isotype tests – get precise, reproducible results every time with our best-in-class rheumatoid arthritis tests.

Sensitivity and specificity of mono- and multi-serology testing EliA test, in 190 RA patients and 197 disease controls.

Sensitivity
- EliA RF IgM: 59%
- EliA RF IgA: 40.5%
- EliA CCP: 59.5%
- EliA RF IgM + RF IgA: 50%
- EliA RF IgM + CCP: 36.3%
- EliA RF IgA + CCP: 35.8%

Specificity
- EliA RF IgM: 89.3%
- EliA RF IgA: 92.4%
- EliA CCP: 96.5%
- EliA RF IgM + RF IgA: 95.9%
- EliA RF IgM + CCP: 99.5%
- EliA RF IgA + CCP: 99.5%

Measure RF isotypes and CCP to aid early diagnosis, supporting the optimisation of care for each patient.

Rheumatoid factor (RF) IgM
Recommended as first-line test in ACR/EULAR criteria.
Decreased titres are associated with a positive treatment response to methotrexate, parenteral gold and TNF-α inhibitors.

Anti-CCP antibodies
Detectable years before onset of RA symptoms.
Very sensitive and highly specific in early RA.
Associated with severe disease in early RA.

Elevated RF IgA to monitor disease activity
Correlates with disease activity.
Initiates poor response to TNF-α inhibitors.
Provides valuable prognostic guidance.

Find out more at allergyai.com/uk/lab

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Thermo Scientific

Get it right first time
EliA CCP and EliA RF Isotype tests – get precise, reproducible results every time with our best-in-class rheumatoid arthritis tests.
**Best-in-class**

In low prevalence diseases; like rheumatoid arthritis; to reduce false positive results, specificity is important.

**EliA™ CCP test has the highest specificity of all automated CCP tests**1

Based on 2,500 patients being tested in a year, when comparing the superior specificity of EliA CCP test to a test with 90% specificity and a disease prevalence of 1%, you can expect 148 fewer false positives per year1.

In low prevalence diseases; like rheumatoid arthritis; to reduce false positive results, specificity is important.

**Unrivalled efficiency**

Patients with rheumatoid conditions often present with vague symptoms21-24

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Sensitivity</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatigue</td>
<td>74%</td>
<td>74%</td>
</tr>
<tr>
<td>Arthralgia</td>
<td>83%</td>
<td>83%</td>
</tr>
<tr>
<td>Myalgia</td>
<td>76%</td>
<td>76%</td>
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<tr>
<td>Depression</td>
<td>68%</td>
<td>68%</td>
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<td>Malaise</td>
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<td>Weight loss</td>
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<tr>
<td>Fever</td>
<td>40%</td>
<td>40%</td>
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<tr>
<td>Lymphadenopathy</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>Sub-antilgy</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Arthritis</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Vasculitis</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

On the same Phadia™ Instrument, test for markers for:

- RA
- CTD
- Vasculitis
- Anti-vascular Sympotms

**Supporting you with lean working**

Optimised workflow on fully automated laboratory systems

- One system, one sample, multiple tests
- High on-board carrier/kit capacity
- Ability to run requests as and when they arrive
- System reagents are suitable for both EliA and ImmunoCAP® tests
- One calibration curve per method stored for one month (IgG, IgM, IgA, IgE, calprotectin, anti-TSH-R) – maximising workflow efficiencies
- Efficient, flexible, calibration system
- One calibration curve per method stored for one month (IgG, IgM, IgA, IgE, calprotectin, anti-TSH-R) – maximising workflow efficiencies

Your partner – offering the complete support package

- Educational meetings for your laboratory
- Scientific support with results interpretation
- Support with educational meetings for your clinical customers

Meta-analysis of 83 diagnostic studies containing data on CCP tests in known or suspected RA patients. A meta-analytic model was used to produce summary estimates for test sensitivity and specificity.