**Identify inflammatory bowel diseases**

**EliA™ Calprotectin**

**Differentiate IBD/IBS clearly**

EliA™ Calprotectin is a very sensitive and specific test for fecal calprotectin to differentiate inflammatory bowel diseases (IBD) e.g. Crohn’s disease, ulcerative colitis, from irritable bowel syndrome (IBS) and other functional bowel disorders (BD).

<table>
<thead>
<tr>
<th>mg/kg</th>
<th>IBD</th>
<th>IBS and other functional BD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Figure 1: Performance of EliA™ Calprotectin in 191 stool samples (132 IBD, 59 IBS, and other functional bowel disorders). Cut-off for positivity: 50 mg/kg (internal study)

**Provide early diagnostic guidance**

High sensitivity, high specificity and excellent predictive values for EliA™ Calprotectin assure high clinical value in different clinical settings. Fecal calprotectin is effective as a first line test for discriminating IBD from IBS, after diagnosis for monitoring disease activity, and during clinical remission for a prediction of relapse. In terms of discrimination it clearly outperforms blood tests such as CRP or ESR.

**Test completely automated, and efficiently**

Routine stool extraction samples are processed automatically by the Phadia Laboratory Systems (Phadia 100/250/2500/5000) thereby reducing the workload for your lab personnel. Operational costs are minimized and planning simplified – leading to an optimized workflow!

<table>
<thead>
<tr>
<th>High clinical value</th>
<th>EliA™</th>
<th>Supplier 1</th>
<th>Supplier 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>97.7 %</td>
<td>96.7 %</td>
<td>99.2 %</td>
</tr>
<tr>
<td>Specificity</td>
<td>89.8 %</td>
<td>89.8 %</td>
<td>76.3 %</td>
</tr>
<tr>
<td>Positive predictive value (PPV)</td>
<td>0.96</td>
<td>0.96</td>
<td>0.90</td>
</tr>
<tr>
<td>Negative predictive value (NPV)</td>
<td>0.95</td>
<td>0.93</td>
<td>0.98</td>
</tr>
</tbody>
</table>

Table 1: Performance data of EliA™ Calprotectin and tests from two other suppliers (internal study)
EliA™ Calprotectin
Improved lab analysis and diagnostics

Your advantages with EliA™ Calprotectin:
• clear differentiation between IBD and IBS
• early diagnostic guidance
• completely automated and efficient testing
• reduces the workload for your lab personnel
• add-on to the EliA™ gastro panel on Phadia® Laboratory Systems

EliA™ Calprotectin helps you improve service quality: fully automated testing for a specific and sensitive intestinal inflammation marker providing excellent first line diagnostics of bowel diseases.

EliA™ Calprotectin offers a complete solution: from stool extraction to automated sample measurement.

Dilution
1:100

Cut-off / measuring range
- negative
- positive
- measuring range
≤ 50 mg/kg
> 50 mg/kg
15 – ≥ 3000 mg/kg

Ordering information
Package size
Article No.
EliA™ Calprotectin Well
4 x 12 wells
14-5610-01

For more details, ask for the EliA™ Calprotectin product information brochure.

References: