**OC-FCa Reagent**
For OC-SENSOR PLEDIA

MEASUREMENT OF FAECAL CALPROTECTIN

- Use the same OC-Auto Sampling Bottle 3 and measure by the same analyzer, OC-SENSOR PLEDIA, as FIT
- Wide measurement range (20 – 2,720 μg/g)
- Store OC-Auto Sampling Bottle 3 at 1 – 30°C before collecting a specimen

**WHAT IS FAECAL CALPROTECTIN?**
Calprotectin is an inflammatory protein abundantly present in neutrophils. The amount of calprotectin in faeces increases accompanied with intestinal mucosal inflammation.

**USE OF CALPROTECTIN**
For distinguishing IBD (inflammatory bowel disease) from functional intestinal disorders (e.g. Irritable bowel syndrome, IBS) and monitoring ulcerative colitis (UC) disease activity.

<table>
<thead>
<tr>
<th>PRINCIPLE</th>
<th>ANALYZER</th>
<th>MEASUREMENT RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latex agglutination immunoturbidimetry</td>
<td>OC-SENSOR PLEDIA</td>
<td>20 – 2,720 μg/g</td>
</tr>
</tbody>
</table>

EIKEN CHEMICAL CO., LTD.
4-19-9 Taito, Taito-ku, Tokyo, Japan
**MEASUREMENT OF FAECAL CALPROTECTIN**

**ANALYTICAL PERFORMANCE**

### INTRA-DAY REPRODUCIBILITY

<table>
<thead>
<tr>
<th>Sample</th>
<th>Sample2</th>
<th>Sample3</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Mean</td>
<td>169</td>
<td>532</td>
</tr>
<tr>
<td>S.D.</td>
<td>4.7</td>
<td>7.7</td>
</tr>
<tr>
<td>CV (%)</td>
<td>2.8</td>
<td>1.4</td>
</tr>
<tr>
<td>MAX.</td>
<td>182</td>
<td>544</td>
</tr>
<tr>
<td>MIN.</td>
<td>161</td>
<td>516</td>
</tr>
</tbody>
</table>

### DILUTION LINEARITY

![Dilution Linearity Graph]

### LIMIT OF DETECTION (LOD)

LOD 17 µg/g

### HOOK EFFECT

![Hook Effect Graph]

### CORRELATION WITH OTHER PRODUCT (IN-HOUSE DATA)

Correlation 2,720 µg/g or less

Correlation 400 µg/g or less

Agreement of each cut-off value

<table>
<thead>
<tr>
<th>Cut-off value</th>
<th>Positive agreement</th>
<th>Negative agreement</th>
<th>Overall agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 µg/g or less</td>
<td>95.6% (108/113)</td>
<td>96.9% (62/64)</td>
<td>96.0% (170/177)</td>
</tr>
<tr>
<td>300 µg/g or less</td>
<td>96.7% (58/60)</td>
<td>96.6% (113/117)</td>
<td>96.6% (171/177)</td>
</tr>
</tbody>
</table>

**PRODUCT SERIES AND STORAGE**

**PRODUCT NAME**

- OC-FCa Reagent (For OC-SENSOR PLEDIA)
- OC-FCa Calibrator
- OC-FCa Control LV1
- OC-FCa Control LV2
- OC-SENSOR Sample Diluent
- OC-Auto Sampling Bottle 3 (without barcode)

**PRODUCT CODE**

- V-PH11
- V-PH12
- V-PH13
- V-PH14
- V-PH19
- V-PZ25

**CONTENTS**

- Latex 2 × 8ml
- Buffer 2 × 15ml
- 6 × 1ml
- 2 × 5ml
- 3 × 45ml
- 100 bottles

**STORAGE**

- 2-10°C
- 2-8°C
- 2-8°C
- 2-8°C
- 1-30°C

---

**PRODUCT NAME**

- OC-FCa Reagent (For OC-SENSOR PLEDIA)
- OC-FCa Calibrator
- OC-FCa Control LV1
- OC-FCa Control LV2
- OC-SENSOR Sample Diluent
- OC-Auto Sampling Bottle 3 (without barcode)

**PRODUCT CODE**

- V-PH11
- V-PH12
- V-PH13
- V-PH14
- V-PH19
- V-PZ25

**CONTENTS**

- Latex 2 × 8ml
- Buffer 2 × 15ml
- 6 × 1ml
- 2 × 5ml
- 3 × 45ml
- 100 bottles

**STORAGE**

- 2-10°C
- 2-8°C
- 2-8°C
- 2-8°C
- 1-30°C

---

*Please check IFU (instructions for use) carefully before use of this product.

*Reference