... Enzyme Biomarker M2-PK now also available in combination with an Immunological Fecal Occult Blood Test (iFOBT)

ScheBo® 2in1 Quick™ rapid test is an easy to perform and reliable combined rapid test for the simultaneous detection of the enzyme biomarker M2-PK and human hemoglobin (Hb) for improved colorectal cancer screening.

Sample material: small stool sample

The brand new ScheBo® 2in1 Quick™ test (M2-PK + Hb):
- Not affected by foodstuffs
- No special diet required
- A small stool sample is sufficient
- Test results available within minutes
- No additional equipment needed
- Based on monoclonal antibodies

Enzyme Biomarker M2-PK
- Key enzyme in polyps and colorectal cancers
- Enzyme test with high accuracy for dimeric M2-PK
- Direct method - detects a change in cell metabolism
- Independent of blood in stool
- No false positive results due to hemorrhoids or blood from other sources
- Identifies non-bleeding and bleeding polyps and colorectal cancers

Immunological Fecal Occult Blood Test (iFOBT) for the detection of Hb
- Indirect method - dependent on blood in the stool
- Innovative immunological detection of blood in feces (Hb) with explicit advantages over traditional biochemical guaiac testing (gFOBT)
- Uses antibodies specific for human hemoglobin (Hb)

When should testing start?
- Annually from the age of 40

Sensitivity and Specificity for M2-PK

<table>
<thead>
<tr>
<th></th>
<th>Sensitivity</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colon Cancer *</td>
<td>93%</td>
<td>97.5%</td>
</tr>
<tr>
<td>Polyps **</td>
<td>55.6%</td>
<td>89.5%</td>
</tr>
</tbody>
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** Own illustration, adapted on Cho, C.H., Lee, B.J., Lim, C.S. Evaluation of the Performance of Fecal Tumor M2-PK (rapid kit) for Screening Colorectal Tumors Using Stool Specimens, Poster from the 54nd Congress of the Korean Society of Laboratory Medicine (KSLM) (2014)