DYE FOR SELECTIVE STAINING OF THE ILM

BRILLIANT PEEL®

- non-toxic
- ready-to-use solution
- CE-marked

- NEW! More precise and intense staining of the ILM due to increased density
- Only CE-marked ILM dye
- Safe and quick application under air or liquid
- No additional filter required
- Stable concentration

G-81010 BRILLIANT PEEL® SYRINGE
syringe 0.5 ml, 5 pcs. per box, sterile

G-81005 BRILLIANT PEEL® VIAL
vial 0.5 ml, 5 pcs. per box, sterile

More information: www.fluoron.de
Some GEUDER® products may not be available for sale in certain countries where the products have not yet received investigational / clinical / marketing approval. Please contact GEUDER AG for more information.

Cytotoxicity in accordance with DIN EN ISO 10993 and ILM-staining ability

<table>
<thead>
<tr>
<th>Dye</th>
<th>Significant cytotoxic effect</th>
<th>ILM-Staining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue G</td>
<td>&gt; 0.3 g/L</td>
<td>strong</td>
</tr>
<tr>
<td>Cytotoxic effect:</td>
<td>causes cell growth inhibition</td>
<td></td>
</tr>
<tr>
<td>Indocyanine Green</td>
<td>&gt; 0.24 g/L</td>
<td>strong</td>
</tr>
<tr>
<td>Cytotoxic effect:</td>
<td>causes apoptosis</td>
<td></td>
</tr>
<tr>
<td>Trypan Blue</td>
<td>&gt; 0.13 g/L</td>
<td>low</td>
</tr>
</tbody>
</table>

Composition and Properties of BRILLIANT PEEL®

Composition in one 0.5 syringe/vial:
- 0.125 mg – Brilliant Blue G
- 0.065 ml – D₂O
- 0.95 mg – Na₂HPO₄ x 2 H₂O
- 0.15 mg – NaH₂PO₄ x 2 H₂O
- 4.1 mg – NaCl

Ad 0.5 ml water for injection purposes

Concentration: 0.25 g/l

pH-value: 7.52

Osmolality: 306 mOsm/kg H₂O

Maximum absorption: 584.0 nm

Density: 1.017 - 1.019 g/cm³

<table>
<thead>
<tr>
<th>Dye</th>
<th>Chemical group</th>
<th>Color</th>
<th>Ready-to-use</th>
<th>Toxicity 1, 3, 10</th>
<th>Registration</th>
<th>Affinity to ILM⁴</th>
<th>Affinity to ERM</th>
<th>Selective Staining of ILM⁴</th>
<th>Exposure time</th>
<th>Fluid / gas exchange required</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBG</td>
<td>Triphenylmethane</td>
<td>blue</td>
<td>yes</td>
<td>no</td>
<td>yes</td>
<td>high</td>
<td>low</td>
<td>strong</td>
<td>short</td>
<td>no</td>
</tr>
<tr>
<td>ICG</td>
<td>Cyanine</td>
<td>dark green</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>high</td>
<td>high</td>
<td>strong</td>
<td>short</td>
<td>no</td>
</tr>
<tr>
<td>TB</td>
<td>Diazo</td>
<td>dark blue</td>
<td>yes</td>
<td>slightly</td>
<td>no</td>
<td>low</td>
<td>high</td>
<td>low</td>
<td>long</td>
<td>yes</td>
</tr>
</tbody>
</table>

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Literature

2 Haritoglou C, et al.: Färbetechniken in der Makulachirurgie, Ophthalmologe, 2006, 103, 927-934

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