
Used for Hemoglobin measurement in blood by Sahli’s method with two non-glass colour comparators.

The Sahli's Haemometer method utilizes the original technique for measuring haemoglobin (Hb) colorimetrically, with a haemometer. Hb is a chromoprotein, hence the Hb-content in a blood sample may be determined by measurement of its colour.

Application:
Clinical laboratories, Pathology Laboratories, Medical laboratories and various industries and laboratories.

Principle:
Haemoglobin (Hb) is converted to acid haematin by addition of 0.1 N hydrochloric acid and resulting brown colour is compared with standard brown glass reference blocks of a Sahli's haemoglobinimeter.

Method of Use:

- By using a Pasteur pipette, add 0.1N HCl in the graduated tube to the mark 10.
- Draw blood upto the 20 µl mark in the Sahli Hb pipette and add it to the acid in the tube. Rinse the pipette well, mix the reaction mixture and allow the tube to stand for atleast 10 min.
- Dilute the solution with distilled water by adding few drops at a time until the colour matches with the standard glass reference blocks.
- The matching should be done only against natural light. The level of the fluid is noted at its lower meniscus and reading corresponding to this level on the scale is recorded in g/dl.

Please refer disclaimer Overleaf
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plane Haemometer</strong> (Square Type)</td>
<td>GW191</td>
<td>Kit contains Bakelite housing with permanent comparator glass, square tube with yellow and red scale, 20 µl Sahli Hb pipette with tubing set 2.5 mm dia stirring rod, Amber coloured sample vials with cap (5 ml), glass dropper and cleaning brush.</td>
</tr>
<tr>
<td><strong>Prismatic Haemometer</strong> (Square Type)</td>
<td>GW192</td>
<td>Kit contains Bakelite housing with permanent comparator PRISM, square tube with yellow and red scale, 20 µl Sahli Hb pipette with tubing set 2.5 mm dia stirring rod, Amber coloured sample vials with cap (5 ml), glass dropper and cleaning brush.</td>
</tr>
<tr>
<td><strong>Haemometer</strong> (Round Type)</td>
<td>GW193</td>
<td>Kit contains Bakelite housing with permanent comparator glass, round tube with yellow and red scale, 20 µl Sahli Hb pipette with tubing set 2.5 mm dia stirring rod, Amber coloured sample vials with cap (5 ml), glass dropper and cleaning brush.</td>
</tr>
</tbody>
</table>

**NOTE:** After use immediately rinse the Hb pipette by using tap water in a beaker, to prevent blocking of the pipette.

- Pack Size : 1 No.

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.