

**Blood Collection and Testing Kit:****GW191, GW192, GW193.**

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 haemoglobinmeter.

**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

Product Name	Product Code	Description
<b>Plane Haemometer ( Square Type )</b>	<b>GW191</b>	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.
<b>Prismatic Haemometer (Square Type )</b>	<b>GW192</b>	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.
<b>Haemometer ( Round Type )</b>	<b>GW193</b>	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.

**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 :**



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