

## A Note on CHEMTAB

For the first time in India, Boehringer-Knoll have developed through their research work, CHEMTAB Reagent Tablets for the determination of sugar in urine. This test transforms the cumbersome "Benedict's solution" test to a simple and convenient test.

Chemtab provides quick semi-quantitative results, and offers the following advantages over Benedict's solution test :

- Chemtab test requires no boiling
- Chemtab gives semi-quantitative results in just 60 seconds
- Chemtab is more sensitive-detects sugar in concentrations of 0.25%
- Chemtab is convenient to travel with
- Chemtab comes as a complete test kit-no accessories required

Each Chemtab kit contains a reagent tablet, a test tube, a stand, a plastic dropper, a colour chart and an instruction sheet with space for recording results on the reverse.

*The procedure for the test is very simple, as described below :*

1. Holding the dropper in an upright position, put 10 drops of water into the dry test-tube
2. Add 5 drops of Urine
3. Shake the test tube gently to mix the solution
4. Take out one Chemtab and drop it into the test-tube. (Avoid touching Chemtab with moist hands). The solution will begin to boil. Do not shake the test-tube during the boiling process and also for 15 seconds after the boiling stops (observe the reaction carefully\*)
5. Now shake the test-tube gently and compare the colour of the solution with the colour chart. The figure against the matched colour represents the percentage of sugar in urine.
6. Record the results on the reverse of the instruction sheet

\* If, during the boiling process, an orange colour appears even for a moment (not shown in the colour chart), turning immediately to brown, it means the sugar content in the urine is more than 2%

Chemtab, therefore, is equally convenient for screening diabetics in clinics and hospitals, or for self-monitoring at home

*For further information, please contact :*

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