

PRODUCT CODE
GP020**APPLICATION**

WBC Diluting Fluid Is Used for Performing the WBC (leucocyte) count.

PRINCIPLE AND ITERPRETATION

WBC Diluting Fluid Is Used for Performing the WBC (leucocyte) count, Glacial acetic acid lyses the red cells, Gentian violet slightly stains the nuclei of the leucocytes.

REAGENT COMPOSITION

Acetic acid 2%
Gentian violet 0.002%

REAGENT PREPARATION

The reagent is ready to use.

REAGENT STORAGE AND STABILITY

The reagent is stable up to the stated expiry date when stored at 15-25° C.
Keep tightly closed to prevent air oxidation.

PROCEDURE

Make a 1: 20 dilution of blood in WBC Diluting Fluid solution. Mix the suspension by rotating in a cell-suspension mixer for at least one minute. Fill the Neubauer counting chamber by means of Pasteur pipette to stout glass capillary.

View the preparation using a 4 mm objective and x6 eye-pieces or a 16 mm objective and x10 eye-pieces. Count as many cells as possible for the accuracy of the count.















CALCULATION

$$\text{Count/l} = \frac{\text{Number of cells counted}}{\text{Volume counted } (\mu\text{L})} \times \text{dilution} \times 10^6$$

RANGE

Leucocyte count
Adults : $7.5 \pm 3.5 \times 10^9/l$

SYMBOLS ON LABELS

Symbols	Signify	Symbols	Signify
	Catalogue Number		Pack Size
	Expiry Date		Volume
	Storage Condition		Lot Number
	Instruction for Use		In Vitro Diagnostics
	Manufacturing Date		Manufacturer
	Number of Tests		For Single Use Only
	EC Representative		European conformity

BIBLIOGRAPHY

Text book of Medical Laboratory Technology; Praful B.Godkar

