
Giemsa Stain Solution

Product Code: TCL083

Product Description :

Giemsa stain is a mixture of methylene blue, eosin, and azure B. It is specific for the phosphate groups of DNA and attaches itself to where there are high amounts of adenine-thymine bonding.

Giemsa stain is mainly used for staining of peripheral blood smears and specimens obtained from the bone marrow. It is used to obtain differential white blood cell counts. Giemsa stain is also used in cytogenetics to stain the chromosomes and identify chromosomal aberrations. It is commonly used for G-Banding (Geimsa-Banding).

TCL083 is a sterile filtered concentrated solution of Giemsa stain.

Storage and Shelf Life:

Store at 15-30°C away from bright light.

Shelf life is 24 months.

Use before expiry date given on the product label.

Directions :

Dilute 0.5ml of Giemsa stain solution (TCL083) in 9.5ml of distilled water before use.

Quality Control:

Appearance

Dark blue liquid.

pH

6.40 -7.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Cell Culture Test

Passes

Disclaimer :

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