GIEMSA STAIN SET

Giemsa stain is used in cytogenetics and for the histopathological diagnosis of malaria and other parasites.

Solutions:		
Code number:		1060 ml: GIE61060
Colour	1. Stain solution (60 ml):	Dark blue
	2. Diluted stain solution (6 ml stain + 100 ml buffer solution):	Blue
	3. Buffer solution (1000 ml):	Water clear
Appearance of stain solution:		Dark solution
Appearance of buffer solution:		Water clear solution

Procedures

Staining rack:

- Methanol	3 min
- Stain solution	15 – 20 min
- Rinse with buffer solution	
- Drying	

Coplin jar:

- Blood smears	Air dried
- Methanol	3 – 5 min
- Diluted stain solution	15 – 30 min
- Wash in buffer solution	2 x 1 min
- Drying	

Staining automat:

- Methanol	3 min
- Diluted stain solution	15 –30 min
- Wash in buffer solution	1 min
- Tap water	2 min
- Drying	3 min

Evaluation:

Nuclei:	purple to violet
Lymphocytes:	plasma light blue
Monocytes:	plasma dove blue
Granulocytes:	
- neutrophilic:	granules delicate violet
- eosinophilic:	granules red to grey-blue
- basophilic:	granules strong violet
Thrombocytes:	violet
Erythrocytes:	weak red
Blood parasites:	nuclei bright red

FORMULA

1. STAIN SOLUTION	
Azur II stains	0,725%
Solvent	Glycerol + Methanol

3. BUFFER SOLUTION	
Phosphates	1,650%
Solvent	Distilled water

Storage conditions: Store the bottles protected from light at room temperature.

Warning!

Use the reagent only before the expiry date indicated on the label.

In vitro diagnostics - for professional use only!