

PRODUCT CODE
BS006

APPLICATION

Crystal Violet is used as a primary stain in the Gram Staining for distinguishing between gram-positive and gram-negative organism.

REAGENT COMPOSITION

Crystal Violet 0.5%
Methanol 10%

REAGENT PREPARATION

It is recommended to filter all stain before use.

REAGENT STORAGE AND STABILITY

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















PROCEDURE

- 1- Stain heat fixed smears with Crystal Violet Solution for 1 minute.
- 2- Wash off with tap water and flood slides with Lugols Iodine solution for 2 minutes.
- 3- Wash off with tap water and decolorize smear with Decoloriser for few seconds only.
- 4- Wash well with water and counter stain with Safranin O Solution for 2 minutes.
- 5- Wash with tap water and allow to dry.
- 6- Examine under microscope using oil immersion objective.

RESULTS

Gram Positive bacteria - Blue/ Black
Gram Negative bacteria - Red

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

Gram. C (1884) Fortsch.Med.2185-189.

