

**Crystal Violet, 0.2% (w/v)**  
*Cell Staining*

产品编号: CD002

中文名称: 结晶紫溶液

产品简介: A very useful reagent for obtaining quantitative information about the relative density of cells adhering to multi-well cluster dishes. The dye in this assay, crystal violet, stains DNA. Upon solubilization, the amount of dye taken up by the monolayer can be quantitated in a spectrophotometer or plate reader. Crystal violet is an important component in Gram staining.

其它名称: Basic Violet 3, Gentian Violet, Hexamethylpararosaniline chloride, Methyl Violet 10B.

分子式: C<sub>25</sub>H<sub>30</sub>N<sub>3</sub>Cl

分子量: 407.98

CAS 编号: 548-62-9

产品类型: Ready-to-use solution

纯度: Dye content in powder, ≥90%

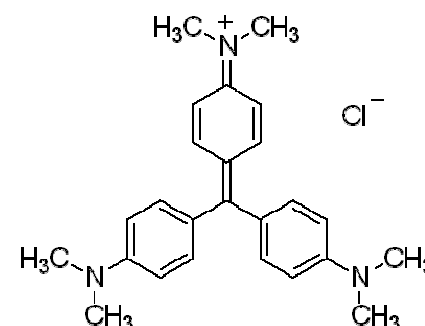
浓度: 0.2% (w/v)

包装规格: 100 ml

储存温度: RT

染色流程: Crystal Violet Staining can be used in many applications. The procedure provided here is for Focus Formation Assay.

- ◇ Place plates on ice.
- ◇ Wash two times with ice-cold 1X PBS.
- ◇ Fix cells with ice-cold methanol (stored at -20°C) for 10 minutes.
- ◇ Aspirate methanol from plates, move off ice and add enough 0.2% crystal violet solution to cover bottom of plate.
- ◇ Incubate at room temperature for 10 minutes.
- ◇ Pour off crystal violet solution into a beaker (can re-use).
- ◇ Carefully rinse plates in ddH<sub>2</sub>O until color no longer coming off in rinse.
- ◇ Allow plates to dry at room temperature (may take overnight).



FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES



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