

Crystal Violet Solution ab246820

Overview

Product name	Crystal Violet Solution
General notes	<p>Crystal Violet Solution ab246820 is the standard dye for staining gram positive bacteria.</p> <p>Gram positive bacteria: Blue.</p> <p>Control Tissue: Any well fixed tissue section. Air dried smear.</p> <p>Procedure:</p> <ol style="list-style-type: none"> 1. Deparaffinize sections if necessary and hydrate to distilled water. 2. Apply adequate Crystal Violet Solution to completely cover tissue section and incubate for 1-3 minute(s). 3. Rinse slide in distilled water to remove excess stain. 4. Continue with desired gram staining protocol. <p>Note: Gram positive bacteria that are dying, dead or being treated with antibiotics may stain variably (red).</p> <p>Other products for staining tissue sections</p> <p>Find more kits and reagents in the special stains guide, or products for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the IHC kits and reagents guide.</p>

Properties

Form	Liquid
Storage instructions	Shipped at Room Temperature. Store at Room Temperature.
Storage buffer	Constituent: 0.5% Crystal Violet
Relevance	Gram-positive bacteria are characterized by their blue-violet colour reaction in the Gram-staining procedure. The colour reaction is caused by crystal-violet, the primary Gram-stain dye, complexing with the iodine mordant. When the decolorizer is applied, a slow dehydration of the crystal-violet/iodine complex is observed due to the closing of pores running through the cell wall.
Cellular localization	Whole cell
Cellular localization	Whole cell

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors