

Janus Green B Staining Solution (0.2%)

J767029

Storage: Room Temperature. Store in the dark.

Introduction:

Janus Green B (also known as Janus Green) is a vital dye specifically used for staining mitochondria. The staining principle is based on its binding to cytochrome C oxidase in mitochondria, resulting in a blue-green color.

Janus Green B Staining Solution (0.2%) is composed of Janus Green B, certain salts, deionized water, etc. During the staining process, it is essential to maintain the viability of the sample material and perform the procedure quickly.

Instructions for Use:

1. Operate according to the specific requirements of the experiment.
2. Mix freshly isolated mitochondria with an equal volume of Janus Green B staining solution (0.2%).
3. Generally, stain for 1-3 minutes, depending on the sample type.

Notes:

1. Mitochondria to be stained should be freshly isolated and stained as soon as possible.
2. When using this kit for the first time, it is recommended to test with 1-2 samples in a preliminary experiment.
3. For your own safety, take appropriate protective measures before using the reagents, such as wearing a lab coat and gloves.